

# THE NATIONAL PROVISIONER

PUBLISHED EVERY SATURDAY

Vol. XXIX

NEW YORK AND CHICAGO, NOVEMBER 14, 1903

No. 20

**TABER PUMPS**  
have the  
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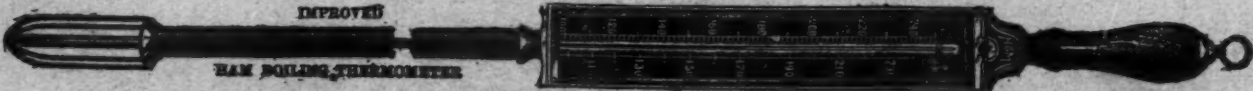
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PRESSURES**

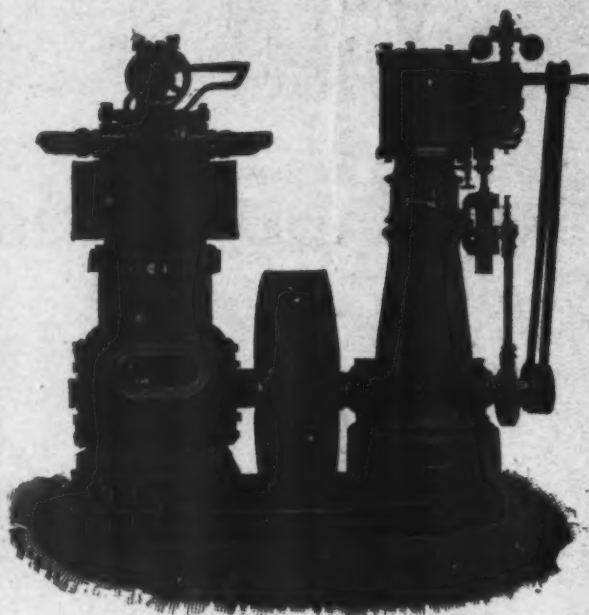
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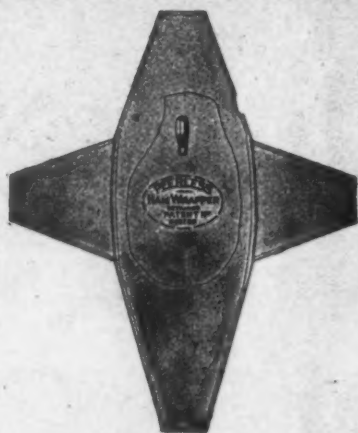


FIG. 1. Showing canvas cut to fit.



FIG. 2. Showing half wrapped.

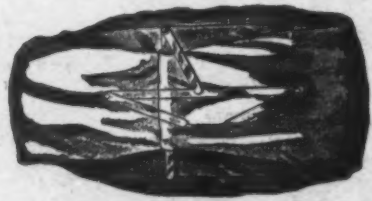


FIG. 3. Showing finished job.

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SEE PAGE 48 FOR CLASSIFIED INDEX.

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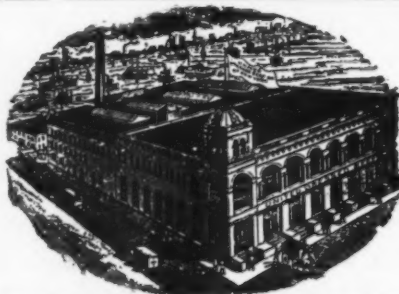
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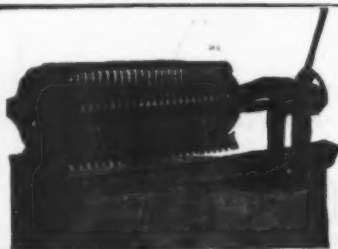
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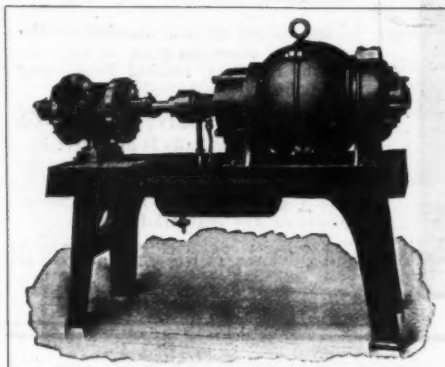
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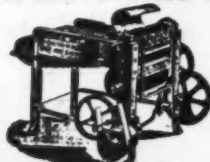
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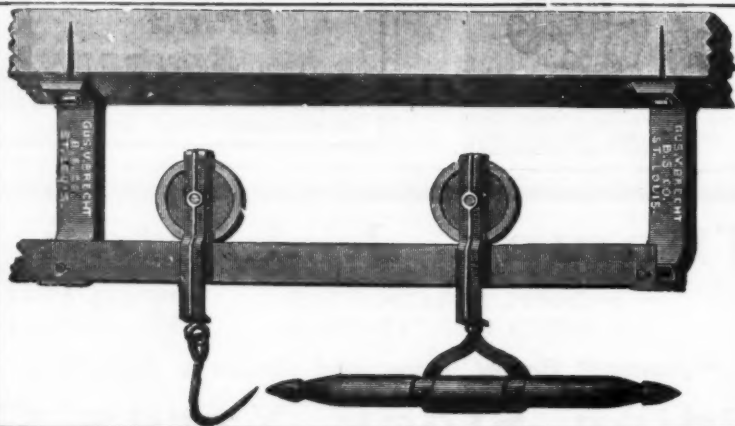
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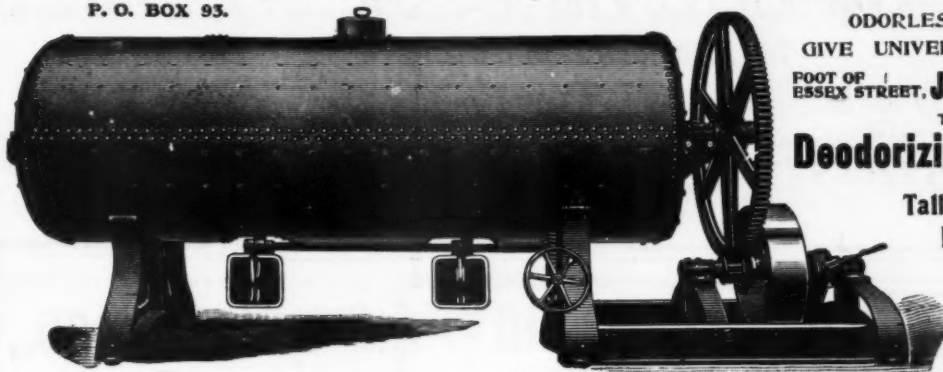
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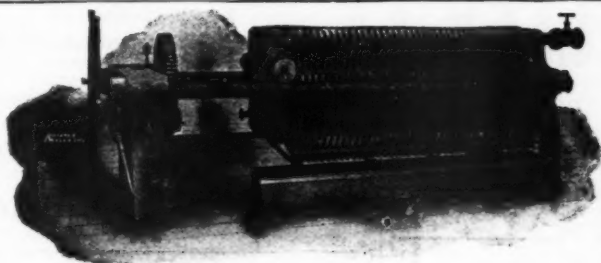
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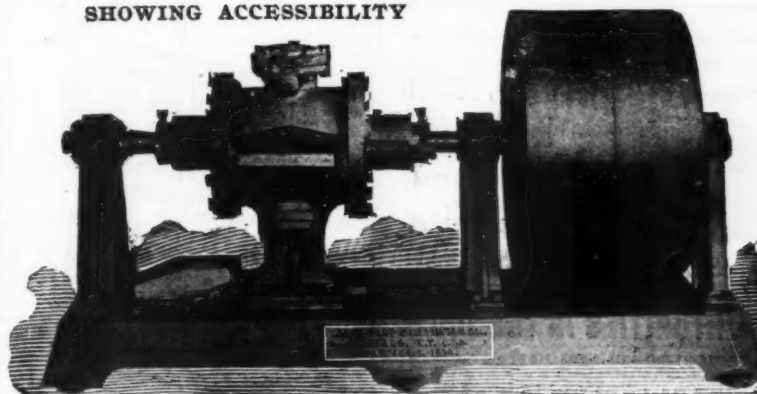
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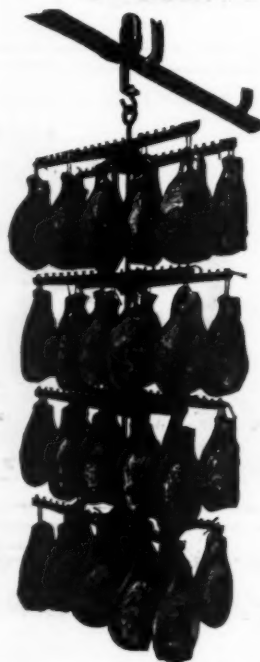
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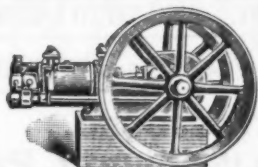


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Manufacturers of the ECLIPSE ICE MAKING AND REFRIGERATING MACHINES. We build the largest and most successful Ice Making and Refrigerating Machinery made in this or any other country. Send for our list of References and New Ice Machine Circular or Red Book, describing latest improvements and methods for Making Ice and Refrigerating. Also builders of First-class CORLISS STEAM ENGINES. Send for Corliss Engine Catalog. Special High Speed (New Pattern) AUTOMATIC STEAM ENGINES.

CORLISS STEAM ENGINES. ICE MAKING MACHINERY. HIGH SPEED ENGINES

STEAM BOILERS. TANKS. AMMONIA VALVES. FLANGES and FITTINGS

**Frick Company,** **WAYNESBORO,**  
ENGINEERS, **FRANKLIN COUNTY, PA.**

## IMPROVED CABBAGE CUTTER.

Money made in Sauer Kraut.



Cuts 600 head Cabbage an hour.

People who put down Sauer Kraut, or cut considerable Cabbage, will find this a valuable machine. Just the thing for large institutions, Grocers, Butchers, &c.

This Cutter is made of all iron, easily kept clean, no wood to get rotten or sour; is simple, strong and durable, and will last a life-time.

Will cut 600 head an hour. 5 Knives. Weight 175 lbs.

Hand Cutter, - - - - - \$35.00  
Power Cutter, (tight and loose pulley.) 40.00

JOHN E. SMITH'S SONS,

50 Broadway,

BUFFALO, N. Y.

Manufacturers of

## Liquid Anhydrous Ammonia

Absolutely Dry, Pure and Uniform all the Year Round.

OUR AMMONIA CAN BE HAD OF THE FOLLOWING:

ATLANTA, GA.—Fred. W. Wolf Co.

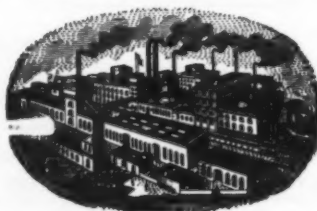
CHICAGO.—Westerlin &amp; Campbell.

Newberry Warehouse and Storage Co., 79 Kinzie St.  
F. K. Higbie.

DENVER, COLO.—The Davis-Bridgman Drug Co.

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**HERF & FRERICH'S CHEMICAL CO.**  
ST. LOUIS, MO.  
MADE FROM SULPHATE ONLY



## 26° Ammonia

Specially Purified for Absorption Machines.

All our Ammonia is made from Sulphate Ammonia only. Large capacity, best qualities and quick shipments.

OUR AMMONIA CAN BE HAD OF THE FOLLOWING:

HOUSTON, TEX.—D. M. Garvin, Lone Star Oil Co.

CLEVELAND, OHIO.—Cleveland Brewers' Supply Co.

KANSAS CITY, MO.—Abner Hood.

NEW ORLEANS, LA.—United Warehouse Co., Ltd.

ST. PAUL, MINN.—C. B. Lyon &amp; Bro.

# The National Ammonia Company



General Office,  
ST. LOUIS,  
MO.



## LIQUID ANHYDROUS AMMONIA

The Recognized Standard of Quality Throughout the World  
ABSOLUTELY DRY AND PURE.

OUR GOODS CAN BE HAD OF THE FOLLOWING:

NEW YORK—The De La Vergne Refrigerating Machine Co.—W. M. Schwenker.—The National Ammonia Co.  
PHILADELPHIA—Theo. J. Goldschmid Co.  
WILMINGTON—Delaware Chemical Co.  
BOSTON—Lyons & Alexander Co.  
BALTIMORE—F. H. Covington.  
BUFFALO—S. J. Krull.  
CLEVELAND—Cleveland Brewers' Supply Co.

PITTSBURG—ALLEGHENY—United Storage Co.  
LIVERPOOL, ENG.—Jas. Simpson & Co.

ST. LOUIS—Mallinckrodt Chemical Works.—Larkin & Scheffer Chemical Co.  
CHICAGO—A. Magnus Sons Co.—Fuller & Fuller Co.  
ATLANTA—Fred. W. Wolf Co.

MILWAUKEE—Baumbach-Reichel Co.  
DETROIT—Michigan Ammonia Works.  
CINCINNATI—Herman Goepper & Co.  
KANSAS CITY—Conley & Kennedy.  
NEW ORLEANS—The Parker-Blake Co., Ltd.  
HOUSTON—Southwestern Oil Co.  
SAN FRANCISCO—Pacific Ammonia & Chemical Co.—Geo. Herrmann Co.

# THE NATIONAL PROVISIONER

PUBLISHED EVERY SATURDAY

(Copyright, 1901, by the Food Trade Publishing Co.)

Vol. XXIX.

New York and Chicago, November 14, 1903.

No. 20.

## BEEVES MOVING NORTH.

The movement of Mexico cattle to California has set in and the railroads are busy hauling these South stock to the North.

## HOLDING BACK CATTLE.

Many Panhandle Country and other ranchers are keeping their cattle back because of the present low price for such stock. They claim that it will not pay them to ship and sell on the present basis.

## RAILROADS TO WEIGH CATTLE.

The railroads entering Kansas City, Mo., have agreed to return to the old way of weighing the cattle in the cars instead of charging the freight upon the selling weights furnished by the livestock commission agents.

## OPEN CATTLE SEASON.

The season during which cattle may be moved over the Oklahoma inspection line opened on November 1. This movement of stock must be made with proper inspection. The government will place inspectors all along the Oklahoma quarantine line.

## "CORNER" IN RIBS.

The rib market is on edge and in a sort of flurry on the feeling that ribs are cornered. The "longs" and the "shorts" are, therefore, taking suspicious looks at each other and both are thought to be preparing for a squeeze. Cash ribs are not over abundant and are not easy to command at desirable prices.

## SELLING THE J. P. SQUIRE CO. STOCK.

It is stated that the J. P. Squire Co. Common Stock Protective Committee, after the necessary two-thirds endorsement, has arranged to sell that block of common stock to a western purchaser for \$14 per share. The purchaser also pays the expenses of the protective committee. It is said that an offer of \$15 per share was once made for the control of the common stock. There is \$6,000,000 of Squire common stock.

## SOTHAM WILL STICK TO HEREFORDS.

T. F. B. Sotham, who, it was stated, would retire from the Hereford breeding and feeding business, will not so retire. He will stick to it. He said: "I was about to sell out here and move to some other part of Missouri, where I would have more needed room."

## CANADIAN LIVESTOCK BLUES.

Canadian cattlemen are despondent over the present livestock situation. Just now Canadian cattle are low. They find their livestock industry depressed. The stock are not suitable for the export trade, and the meat market generally turns its back upon the razor-backed ranger.

## MONTANA SHEEP FEEDING.

Many of the Sweet Grass country sheepmen in Montana will follow the example of their kind in the surrounding States and feed sheep for next spring. A great many yearlings are being held or being purchased and shipped there for feeding purposes before the winter sets in.

## OLEOMARGARINE CASE WAITS OVER.

Dispatch from Des Moines, Ia., says that the case of the State against the Armour Packing Company, which was to have been argued on a demurrer to the indictment before Judge Howe, went over for a week on account of the absence of Attorney W. C. Parker from the city.

## RATE ON COTTONSEED.

The Missouri, Kansas & Texas Railroad has written Secretary Connell, of the Farmers' Institute of Dallas, as follows:

"Referring to yours of the 20th inst., I beg to advise you that we are in a position to name you a rate of 52c. through on cottonseed in carload lots, minimum weight 30,000 lbs., from Auburn, N. C., to Texas common points on our line for planting purposes. The rate is based on the local rate to New Orleans or Vicksburg, 37c., plus 15c. per 100 pounds from Vicksburg to destination. However, the latter rate is not yet in effect, but same will be legally published in the near future."

## A \$10,000,000 ICE FAILURE.

The petition in bankruptcy of the Patten Vacuum Ice Company, of 45 Broadway, New York, has been filed. The company was incorporated under the laws of New Jersey February 19, 1901, with a capital of \$10,000,000. The People's Co-operative Ice Company is among the creditors, with a disputed claim of \$33,000.

## NO FREE LIVESTOCK PASSES.

As the Western lines will refuse to carry returning stockmen free, cattle raisers must pay the fare of their employees, who go forward with shipments of livestock. The roads take a purely commercial view of the case, saying that the old free pass custom existed upon a sentimental basis and "caught on" when livestock rates were higher and railroad expenses less.

## OLEOMARGARINE BROKERS PROTEST.

The New York Produce Exchange protests against the Treasury ruling which makes its brokers who sell oleomargarine on 'Change wholesale merchants who are liable for the special wholesale license before they can book an order for this product. The committee appointed to urge this protest at Washington is composed of A. D. Straus, chairman, Congressman W. H. Douglass and F. M. Montell.

## STOCK YARDS CLASH.

There is a sort of business clash between the Kansas City (Mo.) stockyards and the Kansas City Livestock Exchange. The exchange held a red hot meeting last week and passed a bundle of resolutions. Whether these will be accepted by the other side is another matter. One of the leading commission men said:

"We believe we are entitled to clean pens and alleys. If the yard company will not provide these conveniences, to which the shipper is entitled, we proposed to invoke the law and compel it to do so. The exchange was originally organized for the mutual protection of its members and the patrons of the market, and therefore it is the duty of its officers to see that its members and patrons receive the best possible service."



# NORTHERN ELECTRICAL MFG. CO., Madison, Wis., U. S. A.

ENGINEERS.

MANUFACTURERS.

Grind away your  
Grinder Troubles  
With a



Northern Electric  
Emery Grinder

Get the Motor Bulletin No. 2229

## A PERFECT MACHINERY PLANT.

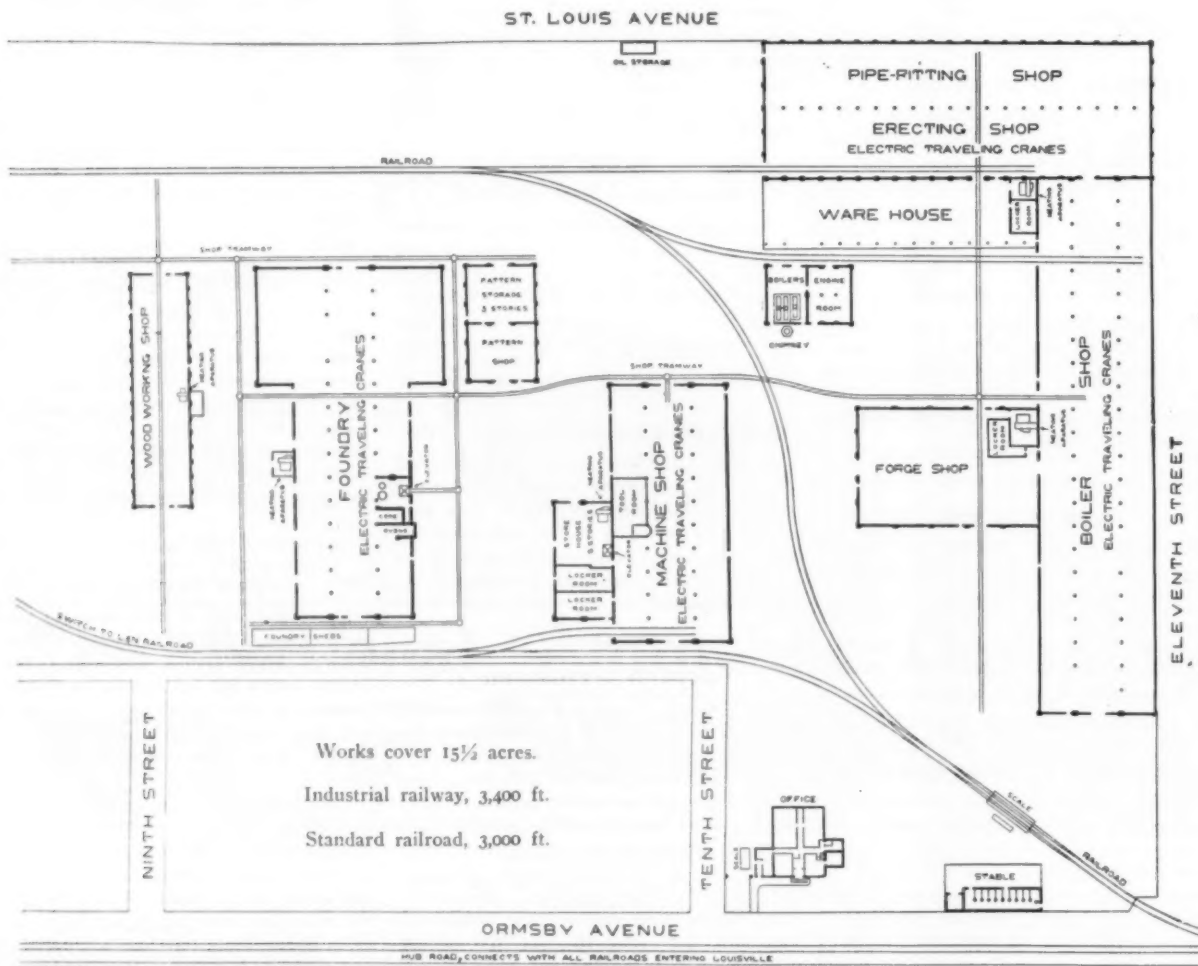
Does thorough, careful work prove profitable from a commercial viewpoint in the construction of machinery, or is there more profit in volume with less conscientiousness in construction? This is an often debated question, but it is generally conceded that where the permanence of a business is one of the important objects in view the former principle is the better.

Adherents to this side of the question have a remarkable instance of the value of building reliable, durable and effective machinery in the Henry Vogt Machine Co., of Louisville,

Ky. Founded many years ago and starting with small pretensions the one idea of its directors has been to produce nothing but the very highest grade of work. They have allowed nothing to interfere with this fixed principle. When other concerns in their line have resorted to the alternative of lowering prices and reducing quality they never lost courage, even in face of temporary gains by competitors. Two or three other concerns making ice and refrigerating machinery adopted and have followed the same policy, and to-day they are enjoying the prosperity resulting from their wisdom.

"Does it pay to build first class machinery?"

repeated the manager of the company. "Well, one proof that it does is this. We have recently received orders for 36 ice and refrigerating machines. Of that number twenty-four were from companies or individuals already owning and using our machines. The best proof of all, however, it will take some hours to show you, though a second's glance will be convincing." Turning to a side-door in the company's office building, Mr. Barrett opened it and disclosed to view the plant of the company. It is a monument to business integrity and will excite wonder and admiration in every visitor. To the lover of things mechanical it is a revelation.



GROUND PLAN OF THE WORKS OF THE HENRY VOGT MACHINE CO.

As the readers of The National Provisioner are so vitally interested in ice and refrigerating machinery, and as the Henry Vogt Machine Company is known to hundreds of them this new plant must be illustrated and talked about in these columns.

Here are some of the statistics: The plant covers over 15 acres, the buildings and their dimensions are as follows: Foundry, 100x300 feet; pattern shop, 50x100; machine shop, 100x220; store house, 50x100; wood-working shop, 50x200; pipe shop, 110x225; warehouse, 50x125; boiler shop, 100x420; forge shop, 100x156; power house, 50x80; core house, 25x100.

There is a splendidly equipped office building, with restaurant and all modern conveniences for the clerical staff. It is finished throughout with quarter-sawed oak, is heated with hot water heating system, has two large fireproof vaults each 25 ft. x 35 ft., all of the different departments are separated into rooms, including director's room, rooms of officers of the firm, purchasing department, book-keeping department, shipping department, etc., and in the office is private exchange. All of the shops (some of which are four squares away from the office) are connected to the main office by telephone and to the city exchange. All of the rooms are very light, but the drafting room is as bright as if outdoors.

A stable is on the grounds for the company's teams and other minor buildings complete the equipment.

Immense traveling electric cranes are used in the foundry, machine shop, boiler shop and pipe shop. As a matter of fact the operation of the entire plant is done almost entirely by electrical machinery. A reference to the accompanying illustrations will show that all of the buildings are separated and at liberal distances. They are fireproof construction, consisting of steel framing, brick and stone. There is not a fire in any of them except the forge shop and the power house. The latter is equipped with the most approved boilers, engines and dynamos, and tunnels connect this building with all of the others. In the tunnels the electric power is carried to each of the main buildings, where all of the machines are operated with individual motors, or, as in the machine shop, some of the motors

run groups of machines with very short shafting. The boilers used in the power house are made by the company as they manufacture every variety of boilers known. They are water-tube boilers.

The immensity of this plant is not appreciated by a casual glance at the illustrations, but by referring to the dimensions of the buildings some idea of their magnitude is conveyed. To describe each building and its uses is unnecessary, as the operations are the same as in any other plant of the same kind, but there is this difference, that the Vogt plant has been erected with

ample ground-space and with plenty of capital to make it ideal. Two features have been forced to the fore in its construction: the comfort of every employe and the greatest economy in operation.

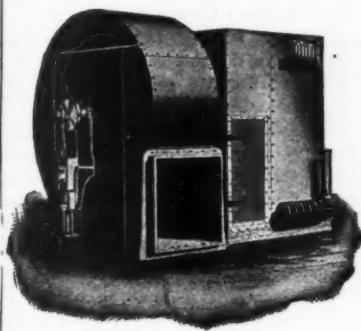
The saw-tooth roof construction gives light in every corner of every building, the electrical machinery gives safety and ample power, without a forest of shafts and belting. All departments are heated with hot air, which is blown to them by the fan system, insuring uniform temperature without fire risk.

All of the buildings are connected with

## DRYING APPARATUS

FOR DRYING

### SOAP, GLUE, FELT, HAIR, TANKAGE, ETC.



REDUCES TIME  
IMPROVES QUALITY

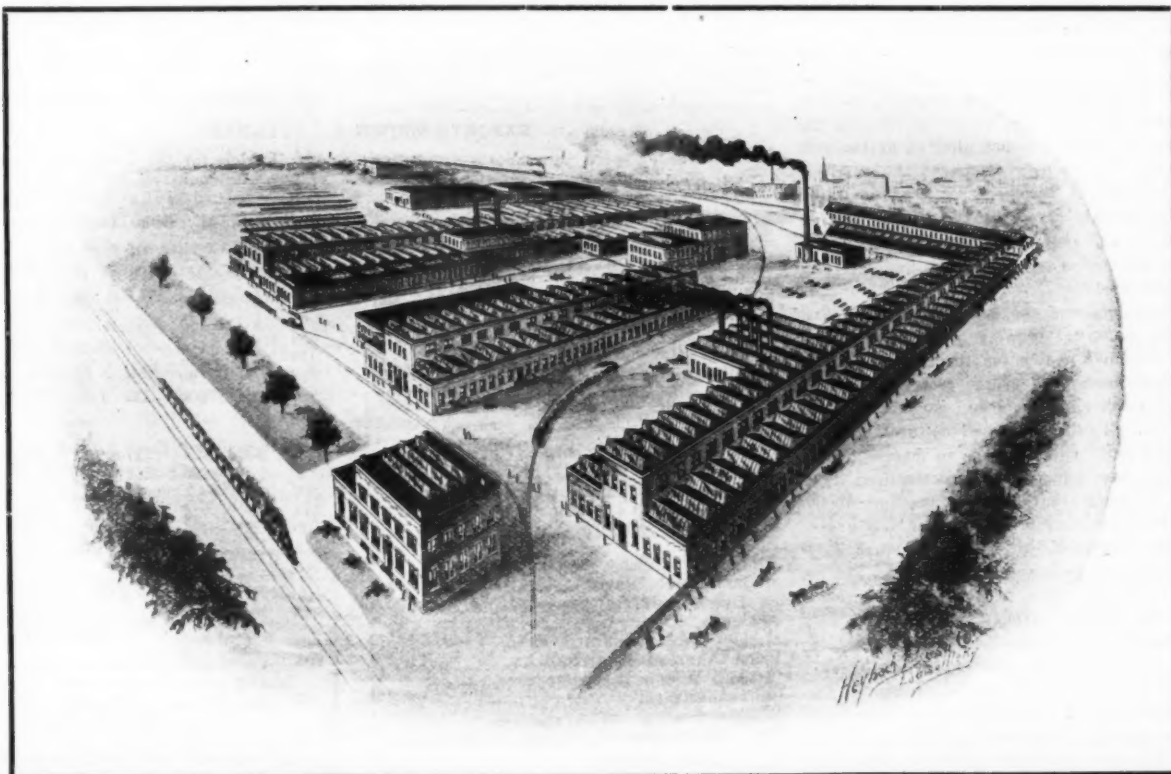
**B. F. STURTEVANT CO.**

BOSTON, MASS.

New York Philadelphia

Chicago London

134.



tramways for facilitating transportation between them, and standard railroad tracks running through the grounds connect with every railroad running into Louisville, and so throughout the country. A further idea of the size of this plant is gained from the fact that there are 4,300 feet of standard railroad tracks and 3,400 feet of shop tramways within its limits.

Another advantage enjoyed by the company is its liberal yard space. There is room and to spare for all necessary outdoor storage and there is plenty of space in which to enlarge the buildings without bringing them into contact with each other.

A most noteworthy feature of this really great plant is that it was designed entirely by the company's own staff of efficient employees and practically all of the construction was done in the same way. Nearly all of the iron work and much of the machinery was made by the company and the result is a tribute to its ability.

In building this plant the company had ample time. Its conservative, yet wideawake directors determined to make it as nearly perfect as possible. They have certainly succeeded to the point that it is doubtful if there is another machine plant in the country that may be called its equal.

As an answer to the question: "Does thorough, careful work prove profitable from a commercial viewpoint in the construction of machinery?" it is simply invincible.

#### BOLL WEEVIL RESOLUTIONS.

The Texas boll weevil convention finished its work at Dallas Friday of last week, and passed the following resolutions:

Resolved, 1, That this convention earnestly invites the organization of farmers' associations in each county and precinct of the State to the end that they may co-operate with the State executive committee, receiving and extending such advice as may be to the best interests of our agriculture.

2. That this convention recommends that cottonseed for planting be purchased from the cotton growing area not affected by the boll weevil. We do not recommend the purchase of any special variety other than improved early maturing varieties; and we further strongly urge that purchasers of seed exercise great caution in securing sound and carefully selected seed.

We recommend the late cultivation of the cotton plant, the plowing of the land in the late fall and winter for the new crop; the frequent cultivation of the crop; destruction of all trash and vegetation, and the employment of all other improved cultural methods so that crops may be made to mature before the boll weevil becomes destructive.

3. Believing that small areas intensively cultivated are more profitable than large areas, loosely cultivated, we recommend that only so much land be planted in cotton as can be cultivated according to the most improved methods, and we strongly urge our farmers to diversify their crops. We recommend to them especially the planting of grain and forage crops; the raising of livestock, the establishment of dairies and truck and fruit growing where conditions are favorable.

4. Whereas, The cotton growing industry of Texas is seriously threatened by the ravages of the boll weevil; and,

Whereas, The prosperity of the State is largely dependent upon the success of the cotton growers; and,

Whereas, All lines of business or professions are dependent upon the prosperity of the farmers; and,

Whereas, The Texas Cotton Growers' convention of Texas has perfected a permanent organization whose duty it shall be to use every effort toward checking the advance of and toward the destroying of said weevil (or other dangers) threatening our cotton; and,

Whereas, In order to accomplish the greatest good in the shortest time, it is necessary that the executive committee have financial assistance.

Resolved, That we request the boards of trade, commercial clubs or other organizations of similar nature throughout the State interested in advancing and protecting our prosperity, locally or as a State, to solicit and subscribe such financial assistance as needed to accomplish the purpose of this organization.

And we especially recommend that the commercial clubs and other organizations offer assistance to the farmers of their communities in securing seed of early maturing cotton, and vigorously encourage the employment of latest cultural methods and diversification.

5. We heartily approve the work of the executive committee during the past year.

We approve of the action of the Twenty-eighth Legislature in passing a law for the protection of birds and the law offering a reward of \$50,000 for an effective remedy for the boll weevil pest.

6. We heartily appreciate the earnest efforts and interest of the secretary of agriculture looking to the destruction of insect pests and the encouragement of our agriculture. And recognizing the grave danger confronting the cotton industry of Texas and other cotton growing States, we earnestly appeal to the Federal Government, through its department of agriculture, to continue its liberal appropriations, and to vigorously continue its efforts for the suppression and extermination of the boll weevil, boll worm and other insect pests.

#### BOLL WEEVIL CONVENTION.

The Boll Weevil Convention, held in Dallas, Tex., last week, was well attended, not only by Texans, but as well by representatives from other cotton-growing States, and we think great good will be accomplished by the conferences and suggestions put forth. Jas. Wilson, Secretary of Agriculture at Washington, D. C., was present, after a trip of seven days over the weevil-infested districts of the State, and from his personal observations of the destruction done, is greatly interested in devising ways and means for the destruction of the pest.

#### GERMAN IMPORTS, FROM APRIL 1 TO SEPTEMBER 30.

##### A.—PREPARED BEEF.

	1903. lbs.	1902. lbs.	1901. lbs.
Total .....	3,048,760	3,566,420	2,929,080
From—			
divulging aught regarding his personality, the			
Denmark ....	550,880	338,140	197,340
Russia .....	161,040	342,100	231,880
United States..	1,981,320	2,744,500	2,350,700

##### B.—PREPARED PORK.

	1903. lbs.	1902. lbs.	1901. lbs.
Total .....	1,840,740	7,270,560	6,682,060
From—			
Denmark ....	634,260	2,442,000	1,469,160
England ....	40,920	691,900	677,380
Netherlands ..	249,700	196,020	166,760
Aust.-Hun. ..	66,880	257,620	104,920
United States.	730,620	3,490,520	4,037,220

##### C.—HAMS.

	1903. lbs.	1902. lbs.	1901. lbs.
Total .....	923,120	2,941,840	2,393,380
From—			
Belgium ....	14,300	152,240	106,920
Denmark ....	69,740	299,200	87,560
Netherlands ..	300,740	768,900	522,940
Aust.-Hun. ..	475,860	510,840	466,840
United States.	25,520	1,162,040	1,118,220

##### D.—BACON.

	1903. lbs.	1902. lbs.	1901. lbs.
Total .....	2,896,740	11,718,740	11,493,020
From—			
Denmark ....	7,820	234,080	88,660
France .....	24,420	438,240	45,760
Aust.-Hun. ..	102,800	787,160	120,560
Netherlands ..	638,440	1,010,900	768,240
Russia .....	50,380	503,480	60,500
United States..	1,945,020	8,564,820	10,333,840

#### EXPORTS SHOWN BY STEAMERS.

Following were the exports from New York to Europe for the week ending November 7 of commodities, as shown by Lunham & Moore's statement:

	Oil cake. Cheese.	Bacon.	Butter.	Tcs.	Beef. Bbls.	Pork. Tcs.	Lard. Pkgs.
Cedric, Liverpool .....	1123	3198	500	...	...	125	8062
Lucania, Liverpool .....	739	1096	...	...	...	210	700
Victorian, Liverpool .....	1760	100	...	...	...	...	...
Minnehaha, London .....	356	57	112	...	200	310	17066
Exeter City, Bristol .....	...	63	75	...	...	25	1800
Colorado, Hull .....	767	668	...	...	...	530	14761
Calderon, Manchester .....	...	10	...	...	...	374	2186
Ethiopia, Glasgow .....	675	718	80	25	...	850	...
Astoria, Glasgow .....	1172	831	200	175	...	725	1600
Numidian, Glasgow .....	356	94	...	...	...	...	...
Verona, Hamburg .....	1225	...	...	...	...	...	...
Graf Waldersee, Hamburg .....	...	500	...	227	...	833	8726
Noordam, Rotterdam .....	10270	...	95	262	25	1236	7645
Zeeland, Antwerp .....	2120	70	...	...	...	...	...
British Empire, Antwerp .....	17056	145	...	...	...	406	3340
St. Nicholas, Antwerp .....	11250	100	25	265	...	100	2100
Rhein, Bremen .....	317	5	...	567	100	...	5800
Kronprinz Wilhelm, Bremen .....	...	...	...	15	...	...	...
Junjata North, Havre .....	4991	...	...	...	...	400	1000
La Touraine, Havre .....	...	25	...	...	...	305	600
Arkansas, Baltic .....	...	...	...	10	...	250	2951
Manuel Calvo, Mediterranean .....	...	...	...	...	...	...	475
Prinz Oskar, Mediterranean .....	...	225	50	...	...	...	100
Citta di Milano, Mediterranean .....	...	...	...	...	...	50	625
California, Mediterranean .....	...	10	...	...	...	10	...
Pawnee, Mediterranean .....	...	...	50	...	...	10	500
New Orleans, South Africa .....	...	...	4	...	...	...	445
Total .....	40701	7415	1000	591	1646	325	7849
Last week .....	15429	10622	200	431	1120	217	8103
Same time in 1902 .....	21697	8550	...	569	1475	84	5636
							43078



## TRADE GLEANINGS

Oil mill in Moulton, Tex., has been burned. Loss, \$12,000.

The Lancaster, Texas, Cotton Oil Co., lost \$8,000 by fire on Nov. 2.

International Leather Co., Quincy, Ill., will build tannery in that city next spring.

Rath Packing Co., Waterloo, Ia., has increased capital from \$50,000 to \$100,000.

R. Levy & Co., of Williamsport, Pa., will build a large addition to their bone fertilizer plant.

Fire destroyed the patent leather factory of High D. Murray in Woburn, Mass. Loss, \$15,000.

Lewisburg, Tenn., is to have a packing-house. Dr. S. T. Hardison and Scott D. Davis are interested.

The Standard Kid Co. has succeeded to the Conway-Pechin Co., of Chester, Pa. A. W. Thompson is president.

The mill plant, including cottonseed and hulls, in Moulton, Texas, were recently burned with a loss of \$15,000.

Connecticut Leather Co., of East Hartford, has been incorporated by W. E. Whitcomb and others. Capital, \$5,000.

Mallett Cattle Co., Ft. Worth, Texas; capital \$100,000. D. M. Devitt, O. E. Flato and others incorporators.

New York Produce Co., Louisville, Ky.; capital, \$2,000. J. Bornstein, N. Feinberg and others incorporators.

Armour & Co., are building an icing plant in Columbus, Ohio, where refrigerator cars for the Southwest will be iced.

Schwarzschild & Sulzberger Packing Co. is rebuilding fertilizer plant in Kansas City, Kan., recently destroyed by fire.

It is reported that G. A. Baumgarten, of Schulenberg, Texas, will build a large cottonseed oil mill in Beaumont, Texas.

Sears Hitchcock Tannery Co., Berlin, Wis., has been incorporated by H. D. Sears, N. P. Sears and others. Capital, \$20,000.

The Stroud cotton oil mill in Guthrie, Okla., has opened for the season. Last year 52,500 gallons of oil were made by this plant.

The Roberts Cotton Oil Co. has been incorporated in Delaware with a capital of \$250,000. There will be a branch in Walden, Mo.

It is reported that a \$20,000 cottonseed oil mill will be built at Kings Mountain, N. C., by G. F. and J. B. Hambricht, on one of their plantations.

American Neatsfoot Co., Chicago, Ill., has been incorporated with a capital of \$100,000 by F. P. Schmidt, Jr., H. W. Prouty and others.

The large chemical and fertilizer works of the William C. Newport Company in Riverside, near Wilmington, Del., have been burned. Loss, \$40,000.

## VARIETY MANUFACTURING COMPANY

Manufacturers of—  
Cross Counter-balance Elevator Doors  
Cross Horizontal Folding Doors  
Fire doors of all descriptions  
Blackman Exhaust Fans

77-83 W. Lake Street, CHICAGO, ILLS.

## WM. GRAVER TANK WORKS

Manufacturers and Builders of

## Steel Storage and Car Tanks

Main Office 505-506 Plymouth Bldg., CHICAGO

PHONE, HARRISON 881

The Norwich, Conn., Belt Manufacturing Co., of Greenville, Conn., will build an addition four stories in height and covering 100x60 feet of ground.

The Pfaffinger Packing Co., Louisville, Ky., has been incorporated with a capital of \$50,000, by W. L. Pfaffinger, Albert C. Pfaffinger and T. J. Becker.

Tripling Mfg. Co., Beaumont, Tex., has been incorporated; capital, \$500,000; E. A. Luck, E. E. Carrol and others, incorporators; object, to make soap and scouring compounds.

In attempting to corner cheese in the Northwest the La Crosse, Wis., Cheese & Butter

Co. has \$300,000 worth of cheese in storage in Chicago, Milwaukee and other cities, and is said to be financially embarrassed.

## PROPOSALS

**PROPOSALS FOR SUBSISTENCE STORES.**—Office Purchasing Commissary, U. S. Army, 39 Whitehall street, New York City, N. Y., November 7, 1903. Sealed proposals for furnishing and delivering subsistence stores in this city for the month of December, 1903, will be received at this office until 11 o'clock a. m., on November 17, 1903. Information furnished on application. Envelopes containing bids should be marked "Proposals for Subsistence Stores, opened November 17, 1903," addressed to Major D. L. BRAINARD, Commissary, U. S. A.

**PROPOSALS FOR FROZEN FRESH BEEF AND MUTTON.**—Office Chief Commissary, Manila, P. I., August 25, 1903. Sealed proposals in triplicate will be received here until 11 A. M., March 19, 1904, and then publicly opened for furnishing and delivery of 6,600,000 pounds frozen fresh beef and 480,000 pounds frozen fresh mutton to Subsistence Department at Manila, P. I., during the year ending June 30, 1905. The accepted beef and mutton will be admitted free of custom duties. United States reserve the right to decrease amount called for in contract, by not to exceed 40 per cent. upon reasonable notice to contractor; or to increase amount called for, with consent of contractor. Each proposal must be accompanied by a Bidder's Guarantee in amount of \$20,000, or by certified check for that amount on bank of approved standing in Manila. The Bidder to whom contract is awarded will be required to give bond, penalty of which will be fixed by Chief Commissary. Information furnished on application. Envelopes containing proposals should be marked: "Proposals for frozen fresh beef and mutton for Fiscal Year 1905, to be opened March 19, 1904," and addressed HENRY G. SHARPE, COL.

## For Sale—Dynamos

1—50 light Edison, 110 volt.  
1—75 light Westinghouse, 110 volt.  
1—100 light Western Electric, 110 volt.  
1—150 light General Electric, 110 volt.  
1—200 light Crocker-Wheeler, 110 volt.  
1—300 light Westinghouse, 110 volt.  
1—400 light Sprague Lundell, 110 volt.  
1—700 light Card, 110 volt.  
1—1,800 light Western Electric, 110 volt.

All machines sold are overhauled in our own shops and guaranteed "as good as new." We make a specialty of equipping packing-houses and manufacturing plants with electrical apparatus. Send for our monthly "Bargain sheet," containing complete list of dynamos and motors in stock with net prices.

GREGORY ELECTRIC CO.

54-62 S. Clinton St., Chicago

## SITUATION WANTED

MANAGER hog packinghouse; an up-to-date, first-class, practical man of many years' experience in the business, both domestic and export, would like position as manager, where proprietors are willing to do a safe, conservative business; can satisfy all requirements at interview as to character, ability and thorough knowledge of the business in all branches; willing to stand strictest examination and start at moderate salary. Address L., 310 The National Provisioner, New York.

## WANTED.

SALESMAN.—Butcher Supply and Refrigerator Salesman. Must be first class, experienced and honorable man. Good opportunity to right party. One with established trade preferred. State where employed, what territory, how long and salary expected, in strict confidence.

NATIONAL MFG. & SUPPLY CO.,  
Memphis, Tenn.

## STOCKS OF PROVISIONS.

## ST. JOSEPH.

Stocks of provisions in South St. Joseph at close of business Oct. 31, 1903, as reported to the "Stock Yards Daily Journal":

	Oct. 31, 1903.	Oct. 31, 1902.
Barreled pork .....	848	289
P. S. lard in storage tanks and tierces, made previous to Oct. 1, 1903, tierces.....	3,447	826
Other kinds of lard, tes.	383	562
Short rib middles and rough or back bone—short rib middles made since Oct. 1, '03, lbs..	449,500	369,290
Short rib middles and rough or back bone—short rib middles made previous to Oct. 1, '03, lbs. ....	1,272,057	21,853
Short clear middles, lbs.	192,052	50,963
Extra short clear middles made since Oct. 1, '03, lbs. ....	978,116	736,984
Extra short clear middles made previous to Oct. 1, '03, lbs. ....	1,503,696	82,600
Extra short rib middles, lbs. ....	895,523	248,729
Long clear middles, lbs.	78,000	2,081
Dry salt shoulders, lbs.	339,747	350,022
Sweet pickled hams, lbs.	3,093,474	4,842,856
Sweet pickled shoulders, lbs. ....	37,000	226,255
Dry salted bellies, lbs..	1,091,026	766,242
Sweet pickled bellies, lbs. ....	478,915	701,556
Sweet pickled California or picnic hams, lbs...	611,843	703,151
Sweet pickled Boston shoulders, lbs. ....	64,774	118,500
Sweet pickled skinned hams, lbs. ....	1,548,966	1,060,662
Other cuts of meats, lbs.	2,440,841	1,051,367
Total weight cut meats..	15,075,501	11,333,111
<b>Live Hogs.</b>		
	October, 1903.	October, 1902.
Received .....	93,305	116,135
Shipped .....	6,985	705
Driven out .....	86,430	115,494
Average weight, lbs....	247	238

## LIVESTOCK RECEIPTS.

## CHICAGO.

The Union Stock Yard and Transit Company of Chicago, Ill., comparative showing of receipts and shipments of livestock for the months ending October 31, 1903, and October 31, 1902.

## Receipts.

Cattle—1903, 338,763; 1902, 309,396. Calves—1903, 25,243; 1902, 18,139. Hogs—1903, 451,331; 1902, 518,500. Sheep—1903, 585,561; 1902, 613,547. Average weight of hogs. 241 lbs. and 227 lbs.

## Shipments.

Cattle—1903, 146,285; 1902, 108,779. Calves—1903, 4,607; 1902, 3,964. Hogs—1903, 90,789; 1902, 68,816. Sheep—1903, 238,663; 1902, 200,208.

## City Use and Chicago Packing.

Cattle—1903, 192,478; 1902, 200,617. Calves—1903, 20,636; 1902, 14,175. Hogs—1903, 360,533; 1902, 449,684. Sheep—1903, 346,898; 1902, 413,339.

## SIOUX CITY.

The Sioux City Stock Yards Company's comparative receipts and disposition of livestock. Receipts for month ended October 31, 1903: Cattle, 42,217; calves, 939; hogs, 43,707; sheep, 7,667. Decrease—Cattle, 7,235; calves,

339; hogs, 14,107; sheep, 9. From January 1 to date: Cattle, 333,000; calves, 5,530; hogs, 768,439; sheep, 33,558. For month ended October 31, 1902: Cattle, 49,452; calves, 1,278; hogs, 57,724; sheep, 7,676. From January 1 to date: Cattle, 351,896; calves, 5,135; hogs, 789,333; sheep, 42,665.

## KANSAS CITY.

The following were the receipts of stock at Kansas City for the month ending October: Cattle, 1903, 280,545; 1902, 295,209; calves, 1903, 41,202; 1902, 36,246; hogs, 1903, 138,406; 1902, 285,787; sheep, 1903, 157,673; 1902, 207,328. Average weight of hogs, October, 1903, 223 pounds; 1902, 217 pounds. The total arrivals of stock since January 1 were: Cattle, 1903, 1,580,792; 1902, 1,680,772; calves, 1903, 149,540; 1902, 36,246; hogs, 1903, 1,627,137; 1902, 1,877,680; sheep, 956,907; 1902, 919,989.

## AMERICAN COTTON OIL.

The annual report of the American Cotton Oil Company is out. It shows the assets and finances of the company to be in excellent shape. The cost of products and the slack state of the consumptive market abroad were the only laments of the report. The prospects of better seed and a better demand are foreshadowed. The capital stock is unchanged—\$10,198,600 preferred and \$20,237,100 common. The \$3,000,000 of 4½ per cent. gold debenture bonds mature on November 1, 1915. All of the company's properties are free from lien of any kind. The profit and loss account shows up as follows:

The profits for the year amounted to .....	\$1,665,081.32
Deduct debenture bond interest .....	135,000.00
Net profits .....	\$1,530,081.32
Deduct—	
Dividends on preferred stock, 6 per cent. per annum .....	\$611,916.00
Dividend on common stock, payable December 1, 1903, 2 per cent. ....	404,742.00
June 1, 1904, 2 p. c. ....	404,742.00
	\$1,421,400.00

Balance carried to general profit and loss account... \$108,681.32

The permanent investment account shows an increase of \$324,308. This represents additions to real estate, cotton ginneries, fertilizer factory, seed houses and scales, warehouses, automatic sprinklers, and increased capacity of mills, refineries, cottolene and soap plants.

All stocks and other properties are kept fully insured against loss of any kind.

The purchasing department continues to show a reduction of costs and the establishment of uniformity in supplies used in the various plants.

The net working capital on August 31, 1903, was \$4,425,814. Special attention is given to the physical condition of properties. The company has not been affected by the generally strained financial conditions prevailing. The percentage of bad debts during the year is less than one-fifth of 1 per cent. Competition was persistent. On this subject the company's report says:

"Competition for cottonseed during the greater portion of the year was persistent and



extreme in character, buyers being governed by the fetch that however high the price paid for seed they could recoup themselves with a profit by the sale of the products. The seed in many sections proved to be of poor quality, producing oil of inferior grade and less than normal quantity to the ton.

"Owing to the high prices of cotton oil as compared to other oils and food products, the foreign markets failed to consume the average quantity. The deficiency, however, was more than offset by an increase in home consumption, and the season closed with a market bare of oil for immediate demands.

"The cotton oil business is yearly. The raw material (cottonseed), to meet our manufacturing requirements and to provide for our foreign and domestic business, must be secured and paid for in cash within a period of five months.

"The temporary indebtedness incurred by the purchase of the raw material during five months is gradually liquidated by the sale of products before the end of the year, at which time the company is virtually free from debt.

## A NEW TEXAS TANNERY.

Dallas, Tex., feels assured of a new industry. It is slated that a company with a capital of \$100,000 will put in a tannery there early in 1904. The interested parties are from Atlanta, Ga., and from Arkansas. In the meantime Messrs. Moore and Holcomb have a proposition before the Fort Worth Board of Trade to tan leather by a new process. The citizens will be sounded.

## HEADQUARTERS MOVE TO OREGON.

Headquarters of the National Livestock Association will be moved from Denver to Portland, Ore., about November 15, there to remain through the convention of the big organization from January 12 to 15, inclusive. Secretary Charles F. Martin says the reason for the change is to aid the citizens of Portland in making preparations for the entertainment of the delegates and visitors who will go there for the gathering.

## *The* NATIONAL PROVISIONER NEW YORK AND CHICAGO

### CONGRESS AND CUBA

Congress and the Cuban reciprocity treaty are now before the country and in the public mind. Trade has a vital interest in the new republic. American commerce desires untrammelled access to the country, whose freedom was won by American arms and at the expense of this country. There is a general feeling that our industrial output should have as free flow through the Cuban ports as the waters of the Mississippi do across the various State lines in its course to the Gulf. Reciprocity on the basis of inter-republic free trade may not suit some personal interests, but it would come near suiting the popular heart of the United States. The day will come when annexation will be heard. Now is a fruitful time for cultivating the sentiment and at the same time adjust the little trade frictions which the competitive commerce of the two countries presents. Our yearning for Cuba and her trade is traditional. Now is a propitious time for somewhat gratifying that desire if good statesmanship prevails.

### THE GREAT TRADE DITCH

Commerce doesn't give a hang whether Panama belongs to herself or whether she confederates with some other power. Commerce wishes the Panama Canal to be dug, so that ships do not have to plough up two oceans to reach a relatively near port. When Panama needed the stronger arm of Colombo a Colombian alliance was desirable. But when her heart beat with love for a great marine ditch, and America held out the sustaining hand, Panama preferred her new love and jilted the old, designing ally. The world of trade cannot but help sympathizing with Panama's flirtation and feeling a tinge of gratification that the projected waterway will at last be dug and its neutrality will be guaranteed by the United States. This country desires no territory. But it does desire that shipway for its commerce. The balance of the world also needs it. This paramount question sinks the political differences of Colombo and Panama into insignificance, and will banish them from the plane of international politics. Trade takes heart at the prospect of sailing overland between the two great oceans.

### TURN IN THE MEAT TIDE

The October livestock receipts at centers are significant. They show a general falling off. Chicago's receipts are indicative of the runs at other centers. The run of cattle is the exception. Hogs fell from 578,000 in

October of 1902 to 457,000. Last month sheep dropped from 613,000 to 585,000. Cattle increased from 309,000 to 338,000. The difference in the loss in the number of hogs was made up by the increase in weight of this year's hogs. They averaged 14 lbs. heavier last month than during October of last year. The average weight and condition of cattle averaged lower than last year, due to high feeding conditions and the persistent decline in the price of livestock due to a lighter consumptive meat demand. There was little inducement in the dead meat market to warrant packers in enticing cattle to the pens or to encourage the finishers to build and market good beef. The situation was flat, and the whole industry felt it. Pork and mutton had better treatment. The high price of wool and demand for pelts nudged the sheep market along. Hog products held strong, with a well-sustained demand at good prices. That kept the hogs coming. The big pig crop helped to push out the heavy hogs. The lighter run during October indicates that the supply will, in future, come from the spring pig crop. A genial autumn has served growing and maturing purposes well.

### BETTER OIL THIS YEAR

Now that the belief is getting settled down to a cotton crop about on the basis of that of last year, the commercial mind is beginning to forecast the probable quality of the oil which this season's crush will turn out. The best indication of this is the maturing weather. Though the crop got a late start it has matured under the most favorable weather conditions for producing a desirable seed for the mill. The inference, therefore, is that this year's oil will be uniformly of better quality than that from the generally inferior seed of last year. The grade, as things now look, will average higher for the whole crush.

### FLOATING ICE FACTORIES AND COLD STORES

One of our greatest needs is more and better tramp cold storage ships, vessels which can load frozen products at our ports and haul them to four corners of the earth. By such contrivances our perishable products would find wider distribution through the miscellaneous ports of the earth. Butter, eggs, cheese and other American products are held to certain trade grooves because there is not enough floating cold storage which can take a miscellaneous consignment of food stuffs to miscellaneous ports where they might find a profitable market. Australia is teaching us a lesson in this respect. In doing so the antipodes are winning the South African, Philippine and China coast trade. The cold

air ship which is also a traveling ice factory as well as cold storage warehouse, could find profitable employment in the up building of local land stores for the conservative of the perishable products which it lands in communities having no ice and which need the edible articles on board. The matter is worthy of serious consideration. It is submitted as "food for thought."

### CALF SKINS LOOK STRONG

There is a scarcity of real calf upper leather. The tanners of this class of leather expect such a strong demand for it that many of them are holding their present stock until the natural hunger of the market sets in. This being the case, there should be a good tone to calfskins, and these should feel better prices during the time between this and Christmas. The business situation has impatiently waited on Wall Street speculations. It is felt, however, that trade will get its gait by Dec. 1, and that the hide and skin situation will feel the impetus which is looked for all along the line. Calfskins are in a strong position now.

### MILK'S FATAL CEMETERY

If the average Congressman would spend an hour each day reading the daily news about milk and its perils he would possibly get into his head that the cream of such milk is as fatal as the fluid itself, and that the butter made from the former is a dangerous substance. The butter has the same element and proportion of danger as the milk from which it came. But the average Congressman is not interested. He doesn't seem to think that the food microbe crawls about until some dairy or pure food bill—of dairy antecedents—comes before Congress. Then he is misinformed and sees the matter from the vote point of view of his constituents, eliminating the public health altogether. That was found to have been the case when the Grout bill was before Congress. Oleomargarine is healthful and wholesome. Even its daily butter opponents now admit that. But it is taxed 10c. per lb. if colored. Just how that will make it purer or remove any fancied deception in its sale is not apparent. Every one knows that the above tax is simply to kill its sale. The parts of butterine are well known. There is no secret about them. The three principal ingredients are purified by fire, if they ever were impure. While milk has filled graveyards with its victims oleomargarine has yet to claim a single victim. Now, which should be under the ban?

### COMMERCIAL TREATIES.

Austria-Hungary and Switzerland have notified Italy that they will not continue the present commercial treaties with that country. The treaties expire at the close of the present year. Negotiations are now being conducted for new commercial treaties.—Simon W. Hanauer, Deputy Consul-General, Frankfurt, Germany, Sept. 24, 1903.



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Hundreds of Packers are now using The Ham Retainer in all parts of the country. Why not be up to date and adopt The Ham Retainer at once. We invite your correspondence.

## FRIDAY'S CLOSINGS

### PROVISIONS.

The very moderate Chicago stocks of lard and pork, the steady reduction in them on good cash demand offsets for the day the feature of moderate hog supplies at 10c. lower prices. The products early in the day were decidedly strong and soon after the opening advanced 7@10 points. The general features have not varied from those noted in our review in another column.

### COTTONSEED OIL.

The mills are hardly as firm as they were at the advance of 1/2c. early in the week because demands have fallen off. Exporters drop out on any increased strength to the market. Yet with the falling off in seed receipts and the less than expected oil production there is no especial pressure to sell by the mills just at present, although the Southeast mills, some of them, offer to sell crude,

tanks, at 26c., and have 25 1/2c. bid for November, which is a little easier. New York market is quiet and steady. Sellers of prime yellow in New York at 33 1/2c. for November, 33c. bid; 33c. bid and 33 1/4c. asked for December, or essentially as shown in weekly review in another part of this publication.

### TALLOW.

Market slacker and it looks as if the Western markets would ease a little. Soapmakers very indifferent, both West and East, and exporters quieter, even for the nice grades. (Weekly review in another column.) Sale of 50 hogsheds city at 4 1/2c.; edible 5 1/2c. bid for city. Weekly contract deliveries made at 4 1/2c. Prime packers at Chicago at 5c., and city renderers there at 4 1/2c.

### OLEO STEARINE.

Dull at 6 1/4c.

### SHEEP SLAUGHTERED.

Special reports to The National Provisioner show the number of sheep slaughtered at the following centres for the week ending November 7:

Chicago .....	80,787
Omaha .....	17,751
Kansas City .....	12,593
St. Joseph .....	3,584
St. Louis .....	7,612
Cudahy .....	298
Sioux City .....	322
Wichita .....	150
Cincinnati .....	992
New York and Jersey City.....	33,543
Ft. Worth .....	264
Detroit .....	3,386
Buffalo .....	37,600

### CATTLE SLAUGHTERED.

Special reports to The National Provisioner show the number of cattle slaughtered at the following centres for the week ending November 7:

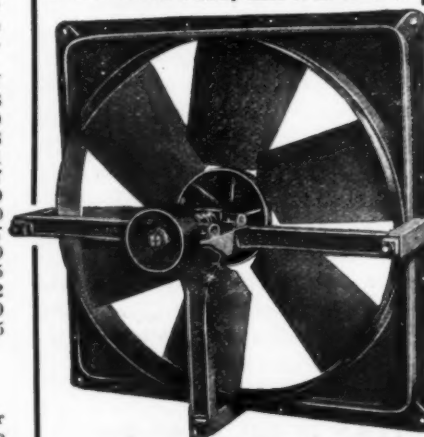
Chicago .....	45,307
Omaha .....	15,518
Kansas City .....	32,620
St. Joseph .....	12,888
St. Louis .....	19,891
Cudahy .....	417
Sioux City .....	1,790
Wichita .....	400
Cincinnati .....	2,367
Louisville .....	1,150
New York and Jersey City.....	9,685
Ft. Worth .....	7,002
Detroit .....	840
Buffalo .....	12,225

### HOGS SLAUGHTERED.

Special reports to The National Provisioner show the number of hogs slaughtered at the following centers for the week ending November 7:

	Week.	Jan. 1 to Nov. 7.	1902.
Chicago .....	99,885	4,958,204	5,247,371
Omaha .....	24,286	1,835,241	1,714,720
Kansas City .....	33,631	1,575,476	1,931,671
St. Joseph .....	20,949	1,375,258	1,419,485

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## TECHNICAL AND SCIENTIFIC

### RIPPERT MANURE PRESERVATIVE.

(Translated for The National Provisioner.)

Experiments with this preservative, the active principles of which are fluorin and sulphuric acid, are reported, from which the conclusion is drawn that manure treated with the preservative was but little more effective than that not so treated.—*Fuchling's Landw. Ztg.*

### WEIGHT OF FERTILIZING MATERIALS.

The following average figures were obtained by actual weighings of ordinary commercial fertilizers found in the Swedish market. Nitrate of soda, 100 lbs. per bushel; ammonium sulphate, 70 lbs.; 20 per cent. superphosphate, 80 lbs.; Thomas phosphate, 150 lbs.; Kainit, 100 lbs.; 20 per cent potash, 80 lbs.; 37 per cent potash, 80 lbs.; muriate, 75 lbs.; fish guano, 40 lbs.; steamed bone meal, 60 lbs.

### TO DECOLORIZE TANNING EXTRACTS.

A new material for decolorising and clarifying tanning extracts and other liquids has been protected by an English patent. Yeast is extracted by successive treatment with water, dilute acid, alkali and finally dilute acid again, and then washed with water. The residue of dead cells thus largely deprived of their contents, is added to the liquor to be decolorized.—*Jour. Soc. Chem. Ind.*

### OLIVE OIL "CRASSE."

The black product, known as "crasse," obtained in the expression of olive oil, consists of a mixture of water and fruit pulp, impregnated with oil. Hitherto this oil has been extracted by means of carbon bisulphide, but, according to a French patent, the purities are precipitated from the emulsion by treating the substance with an acid at a temperature of about 100 deg. C. The oil rising to the surface is neutralized if necessary.—*Jour. Soc. Chem. Ind.*

### EXTRACTING FATTY MATTER.

The process of extracting fatty matter in which the volatile solvent is completely re-

covered and the risks of fire obviated has been patented in France recently. After a previous cleaning of the material the latter is subject in vacua to the simultaneous action of radiant heat and of air or an inert gas, so as to effect rapid solution of the fat and subsequently distillation of the volatile solvent. The processes of solution, separation, distillation and condensation are carried out continuously in a closed apparatus.

### QUEBRACHO EXTRACTS AND SULPHITES IN TANNING.

From experiments made to determine the action and functions of acid or normal sodium sulphite when added to quebracho extract for the purpose of increasing its solubility and improving its color it has been found that of a definite amount of sulphur dioxide added in this form, a small quantity is separable, but that the amount diminishes as the temperature of treatment or time contact is increased and another small quantity appears to be oxidized into a sulphate, but the major portion forms organic compounds with the constituents of tannins. The general conclusions are that the sulphuric becomes wholly or very largely organically combined, that the addition of acids to sulphited extracts does not liberate sulphur dioxide, and that the tinctorial properties of quebracho extract are definitely modified by the addition of sulphites.

### AGRARIAN PREJUDICED CHEMISTRY.

The Hamburg "Boersenhalle" writes: "The condition illustrated by recent developments in regard to meat inspection and the way it is conducted are growing more deplorable and troublesome. On September 19 a shipment of meat was rejected by the inspectors on the strength of containing borates. The importer demurring, had a sample of the brine drawn for himself and the same analyzed by Dr. Enoch, of Hamburg, Germany, with the result that no borax was found. The doctor being a sworn commercial chemist, was, however, ignored and the analysis with positive results accepted for the reason that the latter was performed by the Agrarian Institute at Kiel, which, in this case, was the deciding

**Strong Points**

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authority. The meat was condemned and the importer made to pay the cost besides. It is significant that while the institute which is the recognized farmers' institution discovers borax an independent laboratory fails to do so.

### FERTILIZING MATERIALS IN ENGLAND.

The following fertilizing materials are available for use in England. Barnyard manure, guanos (nitrogenous, phosphatic, ichaboe, meat and fish), sewage sludge, rope-oil residue, cottonseed cake, husks of coffee berries, malt dust, bone, basic slag, superphosphate, greaves, silk waste, horn shavings, carpet waste, cloth cuttings, shoddy, wool waste, wool dust, hair, hair and wool, hair waste, horse hair, calf hair, American rabbit waste (fur, etc.), fur waste, leather waste, rags (linen, silk and flannel), flock dust, leather dust, nitrate of soda, sulphate of ammonia, kainit and lime ashes.—*Jour. South-east Agr. Col., Wyo.*

### VALUE OF PHOSPHORIC ACID IN BONE MEAL.

Investigations as to the fertilizer value of the phosphoric acid in bone meal may be summarized as follows: Bone meal may under certain conditions produce nearly as good results as Thomas phosphate, or even as superphosphate, but its action can easily be reduced to a considerable extent by various factors which have little or no influence on the action of superphosphate or Thomas phosphate. The use of bone meal, therefore, calls for greater care on the part of the grower than the other phosphates. It can only in exceptional cases be applied to advantage on soils rich in lime. Considering present prices for phosphatic fertilizers it is still believed, however, that bone meal can be applied economically in preference to expensive and low-grade Thomas phosphate under conditions where it will be apt to produce good results.

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West Washington Market, West and Bloomfield Streets  
Thirteenth Street Market, 32-34 Tenth Avenue  
Manhattan Market, W. 35th Street and Eleventh Avenue

### BROOKLYN

Williamsburg Market, 100-102 North Sixth Street  
Brooklyn Market, 182-184 Ft. Greene Place  
Atlantic Avenue Market, 74-76 Atlantic Avenue  
Ft. Greene Sheep Market, 172 Ft. Greene Place

West 39th Street Market, 668-670 West 39th Street  
Westchester Avenue Market, 769-771 Westchester Avenue  
West Harlem Market, 130th Street and Twelfth Avenue  
Eleventh Avenue Market, Eleventh Avenue, bet. 34th and 35th Streets  
Murray Hill Market, Foot East 31st Street  
West Side Slaughter House } 664-666 West 39th Street  
West Side Market

### JERSEY CITY

Wayne Street Market, Corner Wayne and Grove Streets  
Ninth Street Market, 138 Ninth Street

# Swift & Company New York

Central Office, Nos. 32-34 Tenth Avenue

### AMERICAN PORK UNDER TWO LAWS.

When the prohibitive law of 1883 in regard to the importation of American pork into Germany was replaced by the act of September 3, 1891, a microscopical examination of all pork imports was made compulsory. This examination could be made on the American side and the certificate showing the pork to be free from trichinae was accepted by the German authorities as sufficient guarantee. The question has now been raised whether this holds still good since the new inspection law went into effect. The Chancellor has is-

sued an answer to the effect that the law of April 1, 1903 has no bearing whatever on the previous issue and that, therefore, those importing American pork in compliance with the new law but fail to secure the certificate for the microscopical examination are liable to face the refusal of admittance of their goods.

### WARSAW ABATTOIR CREMATORY.

Since all of the five abattoirs of Warsaw, Russia, are at a loss to know how to best dis-

pose of the refuse and waste material from their plants, they have decided to erect crematories for the purpose of disposing of the same; in other words, to burn off valuable fertilizing material. English and German manufacturers of crematory furnaces are in consultation with the Warsaw city government, their aim being to obtain the contract for the cremation of the street sweepings and city refuse in connection with that of the slaughter houses.

# Swift & Company



138-154 Ninth Street, JERSEY CITY

## Beef and Pork Packers

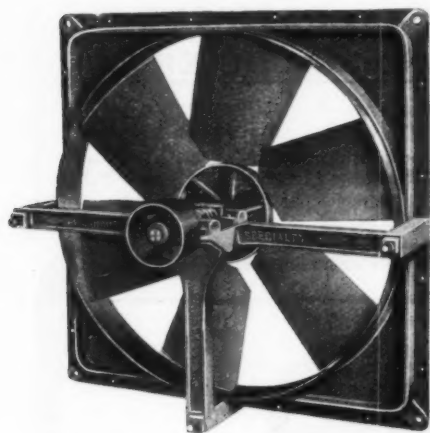
Lard Refiners and General Provision Dealers  
For Export and Local Trade



## FOR PURCHASING DEPARTMENTS

### THE TRIUMPH EXHAUST OR DISC FAN.

The Triumph exhaust or disc fan has been manufactured by the Specialty Mfg. Co., of Indianapolis, Ind., for twelve years, and hundreds are in daily use throughout this and foreign countries, all of which are rendering



Belted, with Unobstructed Exhaust.

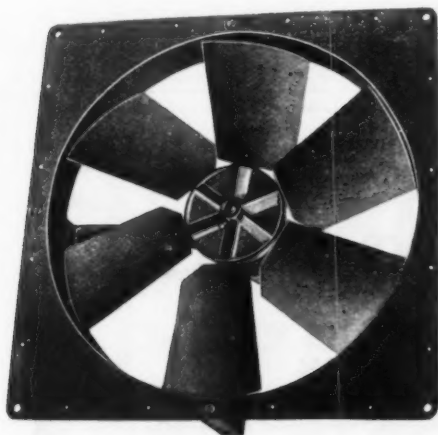
satisfactory service in the various requirements of ventilation.

The manufacturers being enterprising and not content as long as any improvement could possible be made, have through numerous attempts and experiments been successful and are now able to offer the trade the New Triumph disc fan, with a free and unobstructed outlet, as shown in the cut below.

The absolutely free outlet of this disc fan very considerably increases the efficiency and very materially reduces the noise incident to all flat bladed disc fans.

The Triumph disc fan is provided with self-oiling boxes, with two ample genuine phosphor bronze bearings, and is the only disc fan furnished with these high-grade bearings, from which fact the Triumph disc fan is by far the most durable, as phosphor bronze will outlast a half-dozen best Babbitt bearings.

The Triumph disc fan is the only disc fan made with flat square back and unobstructed outlet, as shown in the following cut.

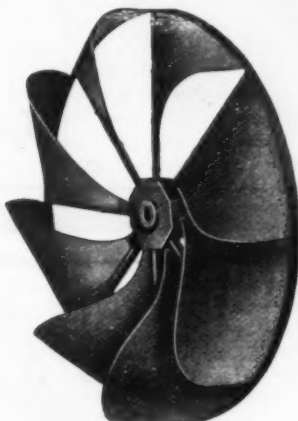


Exhaust Side.

This flat square back renders the installation of the Triumph disc fan very simple, easy and inexpensive, as it is simply lagged or

bolted with the flat back to the window or other opening and the fan is ready for the belt.

The flat blades of the Triumph wing are securely riveted to a steel arm that is cast in the central disc; cross straps are used to stiffen the blades, the angles of the blades are all equal and perfect.



Triumph Propeller Wing.

The Triumph disc fan is very strong and well constructed in every detail and is designed to withstand very hard and continuous service, and the manufacturers guarantee the efficiency of the Triumph exhaust or disc fan equal to any flat-bladed fan on the market.

Above cut shows the Triumph propeller wing, which is entirely self contained.

In this wing the frictional loss due to the band or housing is completely eliminated and when used in the Triumph fan with its free exhaust, the manufacturers guarantee this wing to show a higher efficiency than any belted disc fan on the market, and it is noiseless in operation.

### The New Triumph Exhaust Fan

with propeller wing, direct connected for standard voltages of direct current.

This fan is furnished with a multipolar motor, which is fully inclosed, being dust and moisture proof. Being multipolar, the motor runs with steady and even motion; the bear-



Direct Connected.

ings are phosphor bronze, self-oiling, self-aligning and interchangeable; commutator is of ample dimensions, has liberal depth and

contact surface, thus insuring great length of service. Brushes are of the radial carbon type, holders are simple and effective, position and tension being easily adjusted.

The manufacturers of this direct-connected Triumph exhaust fan feel warranted in saying that it is the neatest design and most attractive outfit that has been offered to the trade.

Having adapted the flat square back to this fan, thus maintaining the simple, effective and inexpensive installation that has made the belted Triumph exhaust fan so popular.

Owing to the noiseless operation of this fan, the 24-in. fan is admirably adapted for office ventilation, a speed regulator being provided by which the fan may be operated at eight different speeds, reducing the maximum speed about 50 per cent, if desired.

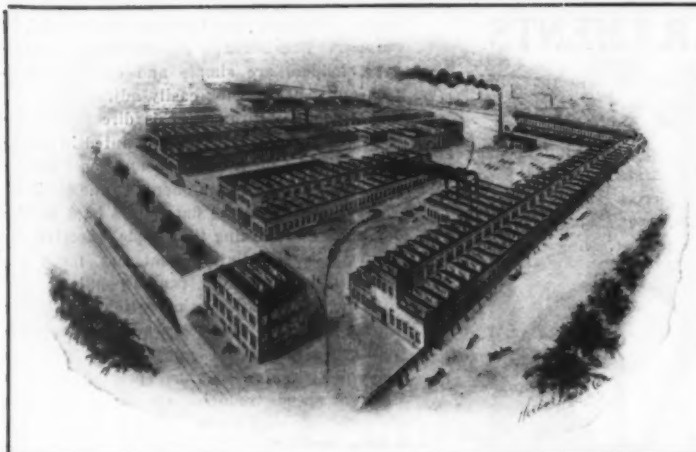
The Specialty Mfg. Co., of Indianapolis, Ind., manufacturers of the above fans, also make blowers, exhausters and other kinds of fans, and they will be pleased to furnish those who will write them bulletins or catalogues and any further information desired.

### BRECHT'S NEW MEAT MIXER.

The progressive firm of the Gus V. Brecht Butchers' Supply Company in St. Louis, with branches in New York City, Denver, Hamburg and Buenos Ayres, have just placed their



No. 1/2 meat mixer on the market. It has a capacity of 200 pounds. It is constructed similar to their No. 0 hand mixer, but runs by power and has twice the capacity. These machines are being installed by a large number of sausage makers, as they find they can do the work in less than half the time, and a great amount of labor is saved, in addition to mixing the sausages more thoroughly. By its ability to work up large quantities of binder and water it increases the resulting profit; besides it makes a decidedly better article of sausage. It will mix any kind of sausage meat which is worked in a circular direction, and requires no attention. When finished the meat is discharged by the same action of the worm which mixes it. It is the only power mixer manufactured that the worm can be lifted out for cleaning purposes, making it very simple and convenient. The pulleys are 16 inches in diameter, with 3 inches face, speed 150 revolutions per minute on pulley shaft.



#### PROFIT SHARING PACKINGHOUSE.

It is stated that the John C. Roth Packing Company, of Cincinnati, O., will share its profits in a measure with its employers. It is thought that this plan will redound to the good of plant and men.

#### SALICYLIC HAMBURGER.

A dispatch from Altoona, Pa., says that pure food agents have lifted samples of hamburger steak at fifteen butcher shops in this city and found the meat in some instances to have been embalmed with salicylic acid.

#### STANDARDIZED FOODS.

The Department of Agriculture at Washington has completed its schedule standardizing meats, dairy products, sugar, glucose, spices and kindred products. Copies are now being forwarded to mercantile and other bodies for criticism.

#### SCARCE AND HIGH TURKEYS.

There is a general shortage of desirable young turkeys this year all over the country, as a result of which the Thanksgiving bird will rule high—around 16 to 18c. per lb. wholesale and up to 25c. per lb. retail.

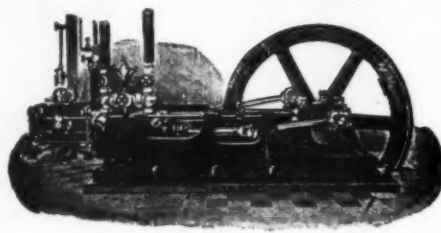
#### NORTHWEST SUBSISTENCE CONTRACTS.

Portland, Ore., was a lucky bidder for the army supplies in that section for the Vancouver barracks. Among the successful bidders were: Union Meat Company, Allen & Lewis, Lang & Co., Wadham & Co., Clossett & Evers, all of Portland, and Hyslopp & Schwabacker Bros., of Seattle.

## Henry Vogt Machine Co.

ICE and REFRIGER-  
ATING MACHINERY

**Louisville, Kentucky.**



### The Liide Machine for Ice and Refrigeration

Standard of Quality for Over 20 Years.  
Best advertised by the number of its pleased users.  
**5000** Throughout the world.

May be operated from any power.

Correspondence Solicited.

**The Fred. W. Wolf. Co.**

Rees, Hathorn and Dayton Sts.

**Chicago**

**ATLANTA.**

**SEATTLE.**

**FT. WORTH.**

#### OLD HAMMOND PLANT RUMOR.

It is rumored that the old Hammond plant at South Omaha may be re-opened to supply the necessary increased room which the Omaha Packing Company needs at that point, the local plant hasn't enough room. Nothing definite has been done. The matter has, however, been talked over. The Hammond plant has been partly dismantled.

#### COTTONSEED BEEF.

The Waxahachie, Tex., Cotton Oil Company has placed 27 car loads of Comanche country cattle on feed at the crusher. This lead will be followed by a number of mills in Texas and throughout the South. The result will be a lot of cottonseed beef next spring. The meat may be whitened a bit with corn before the stock are shipped to the slaughter pens.

# COLD STORAGE

**PRODUCE EXCHANGE, NEW YORK**

A NEWS AND TECHNICAL MAGAZINE OF THE COLD STORAGE, REFRIGERATING,  
ICE MAKING, NATURAL ICE, AND ALLIED TRADES

SAMPLE COPY ON REQUEST

ONE DOLLAR A YEAR

## ICE AND REFRIGERATION

### CORPORATION NEWS.

Milford Centre Creamery Company, Milford, N. Y.; capital, \$4,000. DeWitt Duell and Melvin Seager, of Oneonta, N. Y. directors.

Shyrock Hill Ice Company, Indiana, Pa., capital \$5,000, incorporate.

Fannington Ice, Coal and Wood Company, Fannington, Conn.; capital, \$50,000. Adrian R. Wadsworth, Edward H. Deming and others incorporators.

Rockport Ice & Cold Storage Company, Rockport, Mass.; capital \$15,000. Herbert E. Smith, Gloucester, Mass., president.

Schmidt Russell Manufacturing Company, Davenport, Ia.; capital, \$50,000. Emil Schmidt, John A. Russell and W. R. Johnson incorporators. Will build ice machines.

Detroit Creamery Company, Detroit, Michigan, has increased capital from \$135,000 to \$160,000, and will build.

Missouri River Dispatch Transportation Company, Hastings, Neb.; capital, \$50,000. W. H. Ferguson, A. L. Clarke, and others, incorporators. To own and operate refrigerator cars.

A company is being organized in Columbus, Ohio, with a capital of \$100,000, by Fred. C. Toelle, E. R. Botherick, and others.

The New England Ice Company, which comprised the Taunton, Mass., Ice Company and several other companies in neighboring cities, has been dissolved by a vote of the stockholders. The several companies will hereafter operate independently.

### NEW PLANTS.

Manitoba Cold Storage Company, Winnipeg, Man., will build plant.

Moline Ice Company, Moline, Ill., will build four ice houses. Capacity 14,000 tons.

Adam Schantz, of Dayton, Ohio, will build \$500,000 brewery.

Moultrie Ice & Cold Storage Company, Moultrie, Ga., wants 10-ton ice machine, compressor, etc.

Burlington Freezer Company, Burlington, Vt., will build cold storage plant.

The Druecher cold store at Canal and King Streets, will build a \$100,000 addition.

The Star Brewery Company, Vancouver, will build \$40,000 cold storage plant.

A 50-ton ice plant will be built in Kenton, Ohio, by A. G. Ahlefeld.

Cocolalla Ice & Fuel Company, Spokane, Wash., will build a large ice house.

John Gund Brewing Company, Superior, Wis., will build large cold storage in the spring.

Plans are out for an artificial ice and cold storage plant for Crestline, Ohio. H. E. Bormuth is at the head of the enterprise.

Cataract Ice Co., Niagara Falls, N. Y., will increase capacity by 25 tons.

Pelham, Ga., will have an artificial ice plant. J. S. Hand is organizing a company.

American Refrigeration Translt Co. will build a big cold store in Denver, Colo.

Arkadelphia, Ark., Ice & Fuel Co. will increase capacity of plant.

### FRESH AND REFRIGERATOR EGGS.

At last the holders of refrigerator eggs see some relief ahead in the increased demand for their stock. It has been estimated that the amount in the coolers in New York, Boston, Philadelphia and Chicago at the end of last July was 1,260,000 cases. This had been reduced, it is said, to 679,000 cases by Nov. 1, divided as follows: New York and Jersey City, 205,000 cases; Boston, 114,000; Philadelphia, 60,000, and Chicago, 300,000 cases.

Prices in New York November 13 were quoted as follows: Nearby fresh, 30@31c.; Western fresh, 28@29c.; refrigerator firsts, 22@23½c.; seconds, 21@21½c. Receipts, six days, 43,380; previous six days, 31,074 cases.

	Boston.	Phila.	Boston.
Fresh .....	26@28	28 @29	25@26
Refrig. firsts...	21@22	21½@22	21@21½
Refrig. 2nds...	20@21½	20 @21	.....

In Boston there were 105,774 cases in the coolers on November 9, as against 143,525 the same date last year.

### FRESH AND COLD STORAGE BUTTER.

There has been little change in the market from last week. The jobbers have brought out of the freezers much of the butter stored through the summer, but it is not satisfactory as to quality. Retail prices are from 3c. to 4c. below the record for the same date last year, and consumption has not fallen off. In New York on November 12 prices were as follows: Creamery extra, 22½c. per pound; firsts, 20½@22c.; held extras, 21½@22c.; held firsts, 20@21c.; Western factory held, 15@16c.; packing stock held, 14@15c. In Boston and Philadelphia about the same conditions and prices were in evidence. Chicago quoted prices about 1c. lower. Receipts in New York for week, 35,814, as against 27,189 for the same time last year. In cold storage in Boston November 9, 278,680 tubs, against 240,505 at the same date last year.



## ICE-HANDLING MACHINERY

CONSISTING OF

**ELEVATORS, CONVEYORS and  
LOWERING MACHINES**

FOR NATURAL AND MANUFACTURED ICE

**GIFFORD BROS., Hudson, N. Y.**

ESTABLISHED 1814

CATALOGUE

**GIANT  
INSULATING  
PAPERS**



...Standard for Eighteen Years...

Positively Superior to all other Insulating  
Materials. Permanent Insulation Ensured.

Sole Manufacturers

**THE STANDARD PAINT COMPANY**

Chicago Office,  
188-190 Madison Street

100 William Street,  
New York



## PROVISIONS AND LARD

### Weekly Review

*All articles under this head are quoted by the bbl., except lard, which is quoted by the cwt., in tcs., pork and beef by the bbl., or tierce, and hogs by the cwt.*

**Slightly Higher, Followed by Declining Tendencies—Erratic Situations Dependent Upon Hog Receipts and Packers' Movements—A Favorable Cash Situation, but Efforts to Get Reasonable Prices for Hogs Causing Occasional Lower Priced Products.**

Small further advances in prices for the products were made for a couple of days after the close of our previous weekly review. A lower tendency for them has developed since. The situation, however, is an erratic one; it has antagonistic features, in that the cash situation is favorable for well sustained prices, especially for pork, lard and some cuts of meats, yet that there is unwillingness on the part of packers to permit the full effect of the statistical positions, with the increased cash demands, for the products, and rather the desire among them to get the prices of hogs at a reasonable cost by holding the products easy on any increased supplies of the hogs.

It is well understood that prices of hogs are too high with the values of the products, notwithstanding that prices for the hogs are steadily a little lower. And that the packers would be interested in laying the packing down at cheaper cost rather than holding up the prices of the products had been regarded as a probable feature immediately upon a sufficient supply of the hogs arriving to warrant the movement.

Hogs are not now arriving freely. Spasmodically there is a little rush of the hogs at the packing centers; this was the case early in the week. On the whole, for the

week, the hog supplies have been only moderate, and at this writing they are beginning to fall off.

There is, however, talk that we are upon the eve of larger hog supplies; it is possible, therefore, that with the anticipation of freer receipts of the swine that a portion of the bearish pressure upon general markets results.

If it is possible to crowd prices of hogs down on their present daily moderate supply at the packing centers it would appear likely that the markets for them would run off sharply immediately upon full supplies received, and that the lower packing basis which had been claimed by the packers would at length materialize, despite some contrary opinions.

The average cost of hogs at Chicago last week was \$4.86, against \$5.13 in the previous week. On Monday and Tuesday of this week there were further declines in the prices of the hogs to the extent of 20@30c. per 100 pounds. On Wednesday there were little stronger prices for the hogs, and on Thursday they were practically steady in price.

But the point is that the products yielded as hog prices went down; therefore, that just at present the packing basis is hardly more favorable to packers than it was a few days since. It is, however, somewhat improved against the relative prices that prevailed a couple of weeks since.

On Monday the products were 5@7 points higher; on Tuesday, after a firm opening, there was a break of 20@22c. for pork, 7@12 points for lard, and 7 points for ribs, and on Wednesday another decline all around, or of 12c. for pork, 7@12 points for lard and 7 points for ribs, while Thursday's early market showed only small declines in the prices of the products, or of about 2 points.

That the products markets drift at the pleasure of the leaders would appear to be clear from the fact that upon the days which showed most important declines in the prices for them that there was good cash trading, and that prices held up very well until near the close of each day's trading, but finally were let down rather sharply.

And there is not much speculation at present in the products, so that changes in prices cannot be as materially as usual ascribed to movements against "longs" or "shorts."

There are many sources of foreign and other trading taking advantage of any of the inside prices that prevail for the products; larger sales of lard and meats have been made for deliveries running into January, notwithstanding some expression of opinion that the market prices are not likely to be materially higher and that there is a fair chance of their being lower, as soon as there are larger hog receipts.

The fact that both lard and meats are more freely bought means that consumption is quickening at current prices; indeed, both distributors and consumers seem satisfied with the current prices for the hog products, especially as they are in strong contrast with the high figures of the previous season.

Our opinion of the hog products is that from the late increasing demands for the cash stuff, the steady reduction of stocks and moderate packing, they are well situated for control, but that there will necessarily be bearish movements for them on any increase of hog supplies in order to lay the packing down at proper prices; that it is unlikely that hogs will come forward in full, free volume until the season is more advanced, and that the lowest prices for the hog products is not a probable outcome at once, whatever small declines take place in their prices.

The Chicago porks are now much reduced; estimated as 23,000 tierces contract lard, 4,750 bbls. contract pork, and 24,000,000 lbs. ribs.

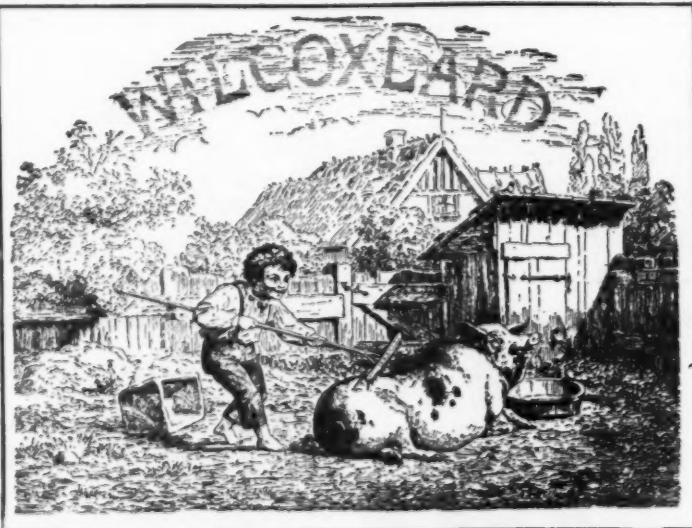
There had, of course, been some discounting of the future, and especially this week,

**The W. J. WILCOX**  
**Lard and Refining Co.**

**New York,**  
Offices: 27 Beaver Street

Refiners of the Celebrated  
Wilcox and Globe Brand

**Pure Refined Lard**



## CARROLL S. PAGE, HYDE PARK, VT.

Green Calfskins, Country Hides, Sheep  
Pelts, Tallow, Bones.  
Wool Puller and Tallow  
Renderer | Manufacturer of  
Page's Perfected  
Poultry Food

in the assured large corn crop, and the lower prices for the grain. There is no longer any doubt of ample feed stock at easy prices for the cattle and hog supplies; therefore, the packing interests feel more assured that the livestock must ultimately come to them at reasonable prices with the probable lower cost products.

Our point has been that the shippers of hogs would not at this early period of the packing season be willing to fully meet the new conditions as against the control they have had of market prices for their livestock for two or three years; that ultimately, however, it would mean market situations more against them because of the added weight and accumulation of the hogs through the protracted holding.

That the hogs are held back in a material degree in the more important sections, and that shipments forward of them are more from miscellaneous sources would seem to be clear from the general understanding of the hog situation, and which would hardly warrant the exhibit of the light weights of the hogs recently received, and which averaged last week at Chicago 225 lbs., against 237 lbs. in the previous week, 228 lbs. corresponding week last year, and 220 lbs. some time in 1901.

It is a fact that the productions of lard are now closely bought up, and that the stock of it is quite moderate, that no very marked accumulation of it is likely for January contracts, and that if there should prove a short interest in January it could be easily worked against. At present, however, we do not think the January short interest amounts to much. In New York there has been very light trading in pork for export, with some 350 bbls. mess taken at \$12.75@13.50; 250 bbls. short clear were sold at \$13.50@15.50, and 50 bbls. Western family mess at \$18.50. City do. held higher. The exporters are doing little in Western lard, but there is a fair sale for it to the refined lard people; cost and freight lots of Western steam are offered, at this writing, at \$7.25; outside lots offered at \$7.15 c. i. f.; city steam has sold at \$6.75@7 for 300 tierces. Compound lard is rather quiet, distributors taking it only as they can move it out promptly, because they are expecting lower prices for all lards, and do not want to stock up meanwhile. The compounds are quoted at 6½¢@6½¢. for car lots. The city cutters hold prices of bellies to a firm have been 45,000 lbs. pickled bellies, 14 lbs. basis because supplies of them are light; sales average, at 9¼¢; 12 lbs., at 10¼¢; 10 lbs., at 10½¢, and smoking at 10½¢@11¢; 3,000 loose pickled shoulders sold at 6¢, and 4,000 loose pickled hams at 10½¢@11½¢.

Exports for the week from Atlantic ports: 3,161 bbls. pork, 11,513,981 lbs. lard; 12,533,937 lbs. meats. Corresponding week last year: 2,938 bbls. pork, 10,461,278 lbs. lard; 10,898,270 lbs. meats.

BEEF.—There is less trading, but supplies are held upon a firm trading basis. City extra India mess, tcs., \$16@17.50; barreled mess, \$9; packet, \$10; family, \$11.50.

### SCARCE TEXAS CATTLE.

Some one says that there are not now more than 7,000,000 head of cattle in Texas. He goes on to say: "Of the 7,000,000 of cattle in the entire State of Texas about 5,000,000 head belong to the range country, as they are what is termed range cattle, and it is there the greatest loss has been sustained through the depreciation in values.

"This depreciation of values during the past year represents a loss of at least \$21,000,000 to Texas cattlemen."

## HIDES AND SKINS

### Weekly Review

#### CHICAGO.

PACKER HIDES.—Prevailing prices militate against operation, although it is claimed by tanners that outside causes responsible for the recent advance are likely to be obviated. There is no doubt but what a fractional recession would result in increased business. The export business, which has been of considerable volume recently, is expected to fall off in a short time.

NO. 1 NATIVE STEERS, free of brands, 60 pounds and up, have moved to the number of 10,000 September-Octobers at 10¼¢. There are a number of Octobers still offering, though the stocks of some are well sold up.

BUTT BRANDED STEERS, 60 pounds and up, have sold to the number of 6,000 Octobers at 9¼¢. There is a considerable quantity of old stock on hand, offering at a variety of prices.

COLORADO STEERS, 60 pounds and up, sold to the amount of about 20,000 Octobers at 9¢. Current take off would probably bring this price, while Octobers would no doubt command a fractionally higher figure.

TEXAS STEERS in late take off have sold at 10½¢. The demand has been restricted by the advance in price. The present supply is by no means excessive, and is held at a variety of prices, according to weight, quality and selection.

NATIVE COWS have been moved to the number of about 5,000 Octobers at 9¼¢. Novembers sold fractionally less, but are now held at the same price. Three thousand light Octobers brought 9¢, but are in some cases now held fractionally higher.

BRANDED COWS.—October sold in substantial volume at 8¢. Some are held at 8¼¢.

NATIVE BULLS are a reasonably strong factor at 9¢, though reported sales are of an insignificant character.

COUNTRY HIDES.—The continued warm weather and limited receipts naturally exert a restricting influence over sales. While the nominal quotation is 8¢, dealers see so little profit in that figure that they are rather disinclined to operate. Export sales have not been of noteworthy volume.

NO. 1 BUFFS, 40 to 60 pounds, free of brands and grubs, have sold in a small way at 7@8¢. for export. At this writing, however, twos can be readily sold at 7¼¢.

NO. 1 EXTREMES, 25 to 40 pounds, have sold at 8½¢, with twos at 7½¢. They are generally held higher and are scarce.

BRANDED STEERS AND COWS have sold at 6½¢, but are not well sustained.

NO. 1 COWS, free of brands and grubs, have sold at 8¼¢, with twos at 7¼¢. There are but few available.

BULLS are an active factor at 7½¢@6½¢.

KIPS, 15 to 25 pounds, have sold to the number of 4,000 (mixed lots) at 10¼¢. Straight cities would bring a fractionally higher price.

NO. 1 CALFSKINS are in active request at 11¼¢@11½¢. for country skins.

DEACONS, 60@80¢.

SLUNKS, 40¢.

HORSE HIDES continue in request at \$3.40@3.50, according to selection.

SHEEPSKINS.—The packer market, while not especially brisk, is fairly steady. There is a consuming demand for country stock. We quote: Green salted packer pelts, 95¢@1.20; green salted packer lambs, 90¢@1.10; green salted country pelts, 65@90¢.

#### BOSTON.

The market continues depressed. Tanners are holding off in anticipation of more favorable terms. As both tanners and shippers are in a comfortable position in reference to supply, neither are exerting themselves; consequently there is little doing. New Englands,

while in small supply, are hardly popular at 8¼¢@8½¢. flat.

#### PHILADELPHIA.

Export sales have had a reviving effect on prices, or at least have prevented for the time being any further downward movement. We quote: City steers, 9¢; country steers, 8½¢; city cows, 8@8½¢; country cows, 7½¢; country bulls, 7¢.

#### NEW YORK.

GREEN HIDES.—Fairly steady conditions prevail, despite the inactivity of the local market. We quote: City natives, 60 pounds and up, 10¼¢; city butts, 60 pounds and up, 9¢; city sides, 60 pounds and up, 9¢; city cows, 8½¢@9¢; city bulls, 8@8¼¢; horse hides, \$2@3.25.

#### SUMMARY.

Operation in the Chicago packer market has been checked, owing to advanced prices, occasioned by the recent export demand. A return to old prices would appreciably promote sales. Eight cent buffs are not sufficiently popular with either buyer or seller to excite any particular amount of business. The latter recognize so little profit at the price that they are not disposed to sell, or at least to sell ahead. The export demand, responsible for activity in the packer market, has exercised virtually no influence in the country market. Dullness continues to prevail in Boston as well as in Philadelphia and New York, and there seems to be little of interest to be said at any of these points at the present writing.

#### IMPORTANT CATTLE TRANSIT SUIT.

The El Paso, Tex., "Herald" states that J. J. Boone, a cattle rancher of New Mexico, filed suits in the district court this afternoon against the Chicago, Rock Island & Pacific, the Chicago, Rock Island & Mexico, the Chicago, Rock Island & El Paso, the El Paso & Northeastern, and the Southern Pacific railway companies for \$605 damages alleged to have been sustained in the transportation of two carloads of fine bulls from St. Joseph, Mo., to Deming, N. M.

The allegations upon which the plaintiff bases his cause of action are substantially as follows:

That on the 17th of last July the plaintiff tendered to the C., R. I. & P. Railway Co. in its shipping pens at St. Joseph, Mo., for shipment to Deming, N. M., two carloads, or 61 head, of fine blooded bulls, to be used for breeding purposes. That the defendant company accepted the shipment and all went well with the cattle as far as Dalhart, Texas, where they were unloaded and watered and fed. That at 8.30 on the morning of the 20th of July the shipment left Dalhart, but did not reach Alamogordo, N. M., until 10 o'clock, p. m., July 21, making 39 hours on the road between these last two points. That the cattle were not, in the meantime, watered or fed, and that owing to this fact and the further fact that the weather was hot and the cars crowded, many of the cattle sickened and one died.

The plaintiff demands \$125 for the bull that died and \$8 a head for the injury which he claims was done to the other 60, making a total demand of \$605, all of which damage the plaintiff alleges was the result of the carelessness of the companies in transporting the cattle.



# TALLOW, STEARINE, GREASE and SOAP

## Weekly Review

**TALLOW.**—There has been little variation to the eastern markets, although the western trading has been at better prices than were possible in the previous week.

The undertone of the markets at the east has, however, been somewhat firmer for the better grades of the tallow, notwithstanding the prices on sales show essentially as they did in the previous week. If there is any lack of strength it would be for the lower grades or for the miscellaneous small lots arriving from out of town points, as these are under some neglect of soapmakers here because of a feeling on the part of soapmakers that they need not be at all hurried in buying, as expecting after awhile prices more in their favor, no matter how strong the situation at present.

It is perhaps a question as to the course of the lard market for expectations of tallow changing in prices. The fact that cattle receipts have fallen off has a direct bearing, of course, upon the tallow market, and may account, in part, for the firmness of holders, more particularly those at the west, where there is an advance of  $\frac{1}{4}$ c. as observed for the week. But the lard market in its variations is likely to have more influence than the other indicated feature upon tallow prices. Some sentiment would work more in the end from the lard position upon the general fat situations. There would be, as well, the consideration of larger or more moderate demands for the tallow for edible use, as the lard market varies to strength or weakness.

There are traders with the opinion that we are upon the eve of much larger receipts of hogs. If large supplies of the swine should come along in the near future there is little doubt but that the packers would be arranged on the bear side of the hog products in order to influence the prices of hogs, since the cost of the live stock is altogether too high, considering the season we have entered upon: there-

fore that tallow would be influenced more in the buyers' favor at an early date, in the event of large hog receipts.

There is a fair chance, however, and we incline to the acceptance of it, that the abundant supplies of hogs in the country will not be rushed forward at once. Our reasons for it have been outlined in previous reviews of general market situations and need not be again stated. Therefore, we have doubts that the tallow markets of the country for the next few weeks will reach the lower trading basis expected by many traders in them; rather we incline to the belief that the new year will have to be awaited for full effects upon market prices of the large live stock supplies of the country.

There are about 300 hhds. city tallow (in New York) to be offered this week; this is not much of an accumulation;  $4\frac{1}{2}$ c. is the market for it; but not all sellers are willing to take that price; 200 hhds. city, however, sold at  $4\frac{1}{2}$ c., and some other lots could be had at  $4\frac{1}{2}$ c. City, tierces, is in moderate supply and would bring  $4\frac{3}{4}$ c. City edible has sold up to  $5\frac{1}{2}$ c., and is firm at that, with increased demands. Sales of 350 tierces city edible at  $5\frac{3}{8}$ @ $5\frac{1}{2}$ c.

The London sale on Wednesday showed 1,000 casks offered and 600 casks sold, with the market quiet and unchanged.

There have been about 1,200 tierces nice color and desirable titre sold at the outports at 5c. for export.

Country made has had sales of 300,000 lbs. in lots at  $4\frac{1}{2}$  to  $4\frac{3}{4}$ c., as to quality, and some nice kettle lots at a higher price.

The western markets have had sales at  $4\frac{3}{4}$ c. for city renderers and at this writing asks  $4\frac{1}{2}$ c. for it, with prime packers at  $5\frac{1}{2}$ @ $5\frac{1}{4}$ c., which would show higher prices by  $\frac{1}{4}$ c. for the week. The advance has been due to the well sold up supplies at the west two or three weeks since, although it is probable that the

west is now beginning to make accumulations

**OLEOSTEARINE.**—The compound lard business is slow and the wants of the compound lard makers of stearine are of a restricted order. There is beginning a more important accumulation of the stearine upon the eastern markets and a more decided supply is held at the west. The pressers of the stearine feel that the selling prices are already low, although they are not changed from the previous week and they are not crowding supplies for sale.

But the compound makers say that their raw materials must cost them less money, both cotton oil and the stearine, with the ideas they hold of lower prices for pure lard; therefore the necessary competition of the compounds with the lard at easy prices; the distributors of the compounds are acting in a very reserved way over buying, and they now take the stearine only to protect actual needs. Sales have been 200,000 pounds in New York at  $6\frac{3}{4}$ c., and 300,000 pounds at the west at  $6\frac{3}{4}$ c.

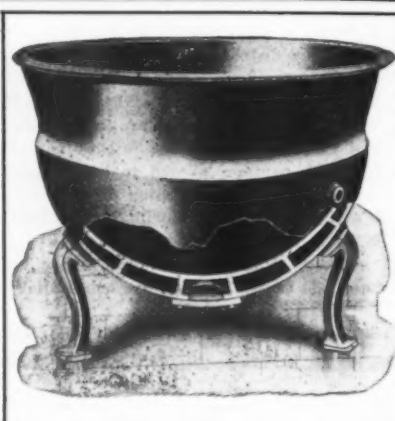
**LARD STEARINE.**—The lard refiners make about all of the stearine they need, and the open market for it is lifeless. About 8c. quoted.

**GREASE.**—Fair quantities of low grades have been taken by shippers, and our home soapmakers and pressers buy with a little more confidence at the inside prices. There have been sales of some nice lots of white at under 5c. Yellow at  $3\frac{3}{4}$ @ $4$ c.; bone and house at  $4\frac{1}{4}$ @ $4\frac{1}{2}$ c.; "B" white at  $4\frac{1}{2}$ c.; "A" white at 5c. per pound.

**GREASE STEARINE.**—Not much of a supply on offer and the market prices hold fairly steady. Yellow quoted at  $4\frac{1}{2}$ c., and white at  $4\frac{3}{4}$ c. per pound.

**LARD OIL.**—Trading is in small lots, with prices fluctuating as the lard market varies. Quoted at 58@60c. per gallon for prime city, and 56@58c. for western.

**CORN OIL.**—Shippers' bids continue lower than sellers care to concede; trading is moderate to other sources of consumption. Quoted



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**NEATSFOT OIL.**—Little change in position of prices. Trading wholly in small lots. City pressers quote 20 cold test at 98c.; 30 cold test at 86c.; 40 cold test at 67c.; prime at 53@54c.; dark at 46c.

**OLEO OIL.**—Has eased in price, and at the decline has been taken up a little more freely. Rotterdam quotes at 43 florins. New York quotes choice, 7½c.; prime at 6¼c.; low grade at 5¼c. Neutral lard on its scarcity is at an arbitrary price; small lots, as wanted, have 11¼c. bid in New York and have sold at 12c. at Chicago.

**COTTONSEED STEARINE.**—Quoted at about 5c. per pound.

**PALM OIL.**—Market prices are held up more because of small offerings rather than from material demands. Prices are too high here for a material consumption, considering the lower prices for other soap materials, but England uses the oil freely. Red quoted at 5½@5¾c., and 5½c. to arrive. Lagos at 6@6¼c.

**COCOANUT OIL.**—Little more freely offered. Trading moderate. Ceylon quoted at 5½@5¾c., on spot; 5¼c. for November arrival, and Cochín at 6@6½c. for spot lots and 5¼c. for November to March shipments.

#### COTTON PRODUCTS EXPORTERS WAITING.

This is the export cottonseed products situation as seen by E. H. Young at Galveston, Tex. He says:

"Exporters are sitting around looking at each other waiting for something to drop—especially prices in the interior. They have labored earnestly for the past sixty days to work up the European markets, but have been in a measure unsuccessful. Just at the time it would appear that European customers were going to pay prices demanded for Texas product, the Mississippi Valley comes in with their offerings and instead of prices advancing they have declined. It is a hard matter for the Texas cottonseed oil mills to realize this, especially as there is such a scarcity of cotton seed and the farmers are holding them at such unreasonable high prices. The situation is that the buyers in Europe are waiting for prices to go lower, the exporter is waiting for the mills to reduce their views, the oil mills are waiting for the farmers to lower their prices on cottonseed and the farmer is waiting for frost."

## COTTONSEED OIL

### Weekly Review

**THE NATIONAL PROVISIONER** is an official organ of the Interstate Cottonseed Crushers' Association, and the official organ of the Oil Mills Superintendents' Association of the United States.

**Easier, Followed by Stronger Prices—Increased Demands at the Mills, Partly to Cover Short Sales—Falling Off in Seed Receipts—Fair Export Demand.**

The close of the market in the previous week was easy, without a material further decline in prices; the tame look ran through the opening trading on Monday of this week.

But on Tuesday there was a sudden advance in the prices of crude at the mills of ½c. per gallon, and the offerings of prime yellow upon the New York market, which had been of full, free volume, at 33c., for any delivery up to March, were suddenly withdrawn, while bids of 33c. for other quantities here were declined with 33½c. asked for them. Corresponding increased firmness of tone was observable at other seaboard markets, where there was also much more reserve over offering supplies. The firm tone held for the remainder of the week.

This sudden veering of the market from weakness to strength had back of it two marked features. One of the influences was a better demand for the crude oil at the mills from people who had been selling it ahead freely, and were early this week in the market for the oil to protect their contracts; and the other influence was in the falling off of seed receipts.

It must be understood that no marked increase of demand came for the oil from the compound makers, and that the buying of the soapmakers as well, was of a conservative order. But if the November production of the oil is to be less than had been counted upon and because of the more restricted marketing of the very good seed supplies that there would seem to be reason for the temporary firmness in the oil prices, especially as a good deal of the oil had been sold to go out to Europe this month, and which, in combination with the ordinary takings of it by the home trade would seem to leave a prospect of less burdensome supplies of the oil in the hands of the producers this month than had been regarded for some time as probable by many traders.

The seed supplies are being marketed with more reserve at present for obvious reasons, and which do not imply that there is a shorter cotton crop than last year.

The planters are much exercised over the high prices for cotton; they have anxiety

to get the staple forward to market at once; they are not paying the ordinary attention to selling their seed supplies. The rush of cotton forward to market in the early part of this week was of record-breaking volume. It would seem as if the South, as a whole, was not having very great faith in some of the recent low crop estimates, else there would not be the present general effort to market the cotton, and notwithstanding the doctrine that "when cotton gets around 10c., the planters are always ready to sell."

If some of the low estimates of the cotton crop, ranging from 10,500,000 to 10,000,000 bales, had merit to them it would be improbable that current prices of the cotton would be anywhere near, for the season, maximum figures. This would be so generally understood by planters that there would be no such effort, as at present exhibited, to sell the staple, even considering the fact that the present prices of the cotton are highly profitable to planters. It would be understood that the actual needs of cotton for consumption for the year are much in excess of the low crop estimates of yield.

It strikes us that each year general cotton crop estimates in the fall season, or in the period of the active marketing of the crop, are increasingly unreliable. In other words, that steadily less effort is made by speculators to get at facts concerning the cotton crop yields, and more the desire shown to get any sort of material that will further bull or bear trading interests, at least temporarily, in the staple. Of course, there are large consuming sources and some very careful compilers of statistics, as distinct from speculators, who desire to arrive at facts, and who reach them usually very closely. Nevertheless, the influence of the speculator is often felt, and the carefully compiled exhibits, as distinct from those of speculative origin, go but little ways, as influences in the blush of a speculative season.

We believe that the cotton crop is at least a 11,000,000-bale one, the estimate we put out a little while since. We figure upon the extent of the cotton crop more to get a line on the prospects of the markets for the seed and its products, and our estimates made in October for years have never varied materially from results shown at the end of the season.

In our opinion there is plenty of seed to be had for a production of oil as large as that of last year, and that ultimately, or just as soon as the rush forward of cotton is over, that the planters will turn their attention to

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marketing the seed freely. There are, however, some reports that the oil production will be less than that of last year because of apprehended shortened supplies of seed. In our opinion it is only in a few localities that there will be less seed than last year.

We do not mean to say that as large an oil production as that of last year will be wanted this season at satisfactory prices to the producers. On the contrary, the outlook now is that with the larger animal fat supplies this season than had in the previous year that as large an oil production as had last year can this season be marketed only as the prices for it are made low enough for much larger outlets than then to exports markets. And that, however firm the oil market may be in the near future, by reason of the indicated seed position, that before the season for the oil closes that its market conditions are likely to drift more in buyers' favor.

Even now the compound lard makers, and who had helped largely in the previous year

to use up the supplies of the oil, find that the demands for the compound lard are of a much more restricted order than in last year; therefore, their wants of cotton oil that much less than then, because not only of the competition of pure lard, but, as well, from the feeling of distributors of lards to go slow over buying them, as in anticipation of even more favorable prices to consumers as the season is advanced to much larger supplies of animal fats. There is no question but that the hog and cattle supplies of the country are liberal, that there is plenty of corn to feed them, and that at some time in the new year there will be an abundance of all fats. At present farmers are marketing their hog supplies with some reserve, as unwilling to meet proper market values for them to the selling prices of the products.

Exporters have bought some oil in New York this week at  $\frac{1}{4}$ c. advanced prices. If this oil is bought to cover contracts it shows a profit, since the exporters sold a good deal of the oil early in the season for November

delivery at the higher prices than now for the month. And it is possible that some of this foreign demand is the reason for some of the strength to prices this week.

Marseilles is not in line with the markets in this country, as yet; it is doubtful if it would pay more than 32c. for prime yellow in New York. But other parts abroad are buying steadily moderately the oil; but as they buy it is more with a purpose of protecting some well known wants. The current prices for the oil are so much cheaper than the selling values for it in the last season that many of the foreign markets are encouraged to buy the oil for near use, and notwithstanding the fact that most of these foreign sources look for lower prices for the oil after a few weeks.

Considering the hesitancy of the home compound makers in buying the oil this fall season, and for reasons which have been outlined, it is a fortunate circumstance that the foreign markets are buying more of the oil than in last year at this time. Of course, the extent of this export business does not

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make up for the loss of the compound lard makers' demands, but it is sufficient to hold the oil prices where they are in consideration of the as yet less production of the oil than last year up to this time.

The fact that the oil has been produced less freely this season thus far is, as well understood on account of the late cotton crop and the fact that time has not elapsed for the planters to feel at all urgent over marketing their seed supplies.

Of course, the point could be considered that as the planters are getting high prices for cotton that they will retain more of their seed supplies for planting and fertilizing purposes for the next crop, and that the seed supplies are being offered less freely because of the high prices for cotton, but we incline to the belief that there is enough surplus seed, from our opinion of the extent of the cotton crop, for all wants of the oil mills, and that it will, at length, come out for offer at essentially around late prices for the seed, at from \$12 to \$14 per ton, chiefly at \$13, however unwilling planters are at present to accept the \$13 price.

The home soapmakers have continued quiet through the week for the oil, as awaiting settled market conditions for it. The oil would need to go down only little more, probably, to induce buying of the soapmakers, which interest, essentially all of it, has been practically out of the market this season. There is so little good off oil as yet this year, most of the production being of the prime grade, that the price of the good off is close to that of prime. Therefore, if the oil is around 33@33½c. in New York it is clear that it is too close the price of tallow, which latter is at 4½c. per pound, in New York in hds., and 4¼c. in tierces, although the price of tallow has advanced ¼c. in Chicago, and is, at this writing, quoted there at 5@5 1-16c. for prime packers, and 4½c. for city renderers.

It would seem, however, as if cotton oil was about as low as it would stand for the near future, and because it is unlikely that there will be burdensome accumulations of it this month, and perhaps not before January, on the seed and other implied situations. Moreover, we do not think that the pure lard market is likely to be markedly bearish before the new year, since we do not expect the large hog crop to be freely marketed before then; therefore, that the lard influence upon cotton oil is not likely, in the near future, to be markedly against it.

Early in the week the mills were offering to sell crude, in tanks, at 25½c., in the Southeast sections, for November and December; 26½c. at Memphis and 24½c. in Texas, and then sold 45 tanks crude, Southeast, at 25½c., 20 tanks in Memphis at 26½c., 10 tanks in Alabama at 26c., 15 tanks in the Valley at 25½c., and 30 tanks in Texas at 24½c. Afterwards there were 20 tanks sold at the Southeast mills at 26c., and 26c. further bid for November, with 25½c. bid for December and January. In New York, sales of 2,500 bbls. prime yellow, November, delivery, at 33c., now 33c. bid and 33½c. asked; 3,000 bbls. do., December and January, at 33c., now 33c. bid and 33½c. asked; 800 bbls. do., February and

March, at 33c.; 500 bbls., sellers' option, to August 1, at 32½c.; also sales of 800 bbls. winter yellow, December and January, at 36c. Of the sales in New York fully 3,000 bbls. of the various deliveries, at the quoted prices, were for export. Later in the week there were sellers of crude, in trunks, at southeast mills at 26c.

#### COTTONSEED OIL SITUATION.

(Special Letter to The National Provisioner from Aspegren & Co.)

As anticipated in our last circular a good export demand and a firmer feeling all around, together with the scarcity of oil, brought about a reaction in the market. Sellers have to a very great extent withdrawn from the market or raised their limits, and buyers have also come up somewhat in their views. After the recent decline a reaction was due no doubt, and from the low price of 32½c., which was made for refined oil in New York, although only on small lots, we have come up again to 33c. bid and 32½c. asked, which is about 1c. advance.

Buyers, however, show comparatively very little disposition to follow the advance. They show the same indifference that they have shown all season, and should same last, the present reaction may deteriorate into dullness and stagnation of business.

There are no accumulations of oil either here or at the crude oil mills, and there is not likely to be any pressure to sell oil for a couple of weeks to come, and we can, therefore, not expect any serious decline for a while. On the other hand, buyers are pretty well supplied, and when all the oil bought by Europe begins to arrive over there the foreigners will probably be even less disposed to raise their limits than they are now, and we can therefore not depend very much on the export demand. There is, however, noticeable a better demand from compound lard makers and other domestic consumers, and the future of the market will depend upon whether this demand will take any proportions or not. We look to a dull and inactive market with comparatively small change in prices. A feature of the week has been the decline in the premium prevailing for prompt deliveries. We quote to-day as follows: Prime summer yellow cottonseed oil, 33½c. asked and 33c. bid;

do., November, 33½c. asked, 33c. bid; do., January, 33½c. asked and 33c. bid; do., March, 34c. asked, and 33½c. bid; do., all season's delivery sellers options, 32½c. asked, and 32c. bid; prime winter yellow cottonseed oil, 39c.; prime summer white cottonseed oil, 39c.; Hull quotation of cottonseed oil, 20s. 3d.; prime crude cottonseed oil in tanks in Southeast, November, 26c.; do., December, 25½@25¾c.; do., January, 25½@25¾c.; do., Mississippi Valley, 26c. asked and 25½c. bid; do., Texas, 24½@25½c.

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## LIVE STOCK REVIEWS

### CHICAGO.

(Special to The National Provisioner from the Bowles Commission Company.)

**CATTLE.**—20,833 cattle was official receipts for Monday of this week. What a relief—after the excessive supplies of the past two weeks, and the demoralized condition in which the cattle market was at the close of last week. Salesmen thought the cattle market should respond actively at a big advance with such small receipts, but the beef trade is glutted, and the sharp demand we have had for the past three months has vanished, and although some nice, hand-weight cattle of good quality and thick fat sold 10 to 15c. higher early to fill the shipping orders, the big heavy fat cattle were neglected to some extent, and many of them sold no better than the close of last week; the late market was tame and some late arrivals had to be sold no better than steady. Some nice quality medium weight cattle sold early strong to 10c. higher, while the lower grade 30 days fed new corn on grass cattle, are going at \$4 to \$4.50, weighing 1,300 to 1,400 lbs., and they have got to be a good kind and show good flesh to bring the top prices, while many bunches of the same class, but softer in flesh, are going here from \$3.50 to \$3.90, weighing 1,100 to 1,300 lbs. One extra prime bunch of 17 head of 1,388-lb. short-horns brought \$5.70 with some 1,178-lb. yearlings at \$5.60, and a few good 1,300 to 1,500-lb. cattle selling at \$5.40 to \$5.50, but the great bulk of the good cattle sold at \$4.80 to \$5.15, and they had to show superior quality and flesh to get above those prices. Western rangers were in light supply, only 2,500 against 6,000 the week previous, and they sold at prices scarcely above steady. Butcher stock sold a little better in sympathy with the steer trade, with some good medium cows selling 10 to 15c. higher, and the supply being light was well cleared. Good butcher bulls steady and bologna bulls dull, but little change in the canners and cutters. The supply of calves has been extremely light and business in this branch of the trade was very brisk. Top calves sold up as high as \$7.50. The supply of stockers and feeders also moderate, and dealers took hold with a little more freedom, particularly on good to choice grades. Tuesday's supply was also moderate, 4,500, of which 1,500 were Western rangers. Western rangers sold very slowly without quotable change. Butcher stock in light supply with a better feeling to the trade, which was a relief to everybody, for butcher stuff has been selling at ruinously low prices. Receipts of cattle to-day, 22,000, and the market is a shade higher. It is the opinion of some of the shrewdest forecasters in the trade that supplies of all grades of cattle will be fully up to the demand during this month and the larger part of next, as advices indicate that holders are anxious to market their offerings before the extreme bad weather comes on, and with the light demand now prevailing, there is little or no hope for any permanent improvement in values for beef cattle, with a possibility of a lower range of prices should supplies of native beef cattle continue as heavy as they have the past month.

**HOGS.**—Monday of this week early estimated receipts of hogs were 23,000, but later receipts were estimated at 28,000 to 30,000. The early market was strong, but soon weakened and closed 10c. lower. We desire to call your attention to the light hog market, as the supply is increasing daily, and we look to see these weights selling much below heavy hogs in the near future. While a few light weights sold Monday early at \$5.15 to \$5.25, the regular sort of light hogs to average 160 to 180 lbs. sold at \$5 to \$5.10. Packing hogs sold slowly at \$4.50 to \$4.65, while prime butchers sold principally at \$5 to \$5.15. Receipts Tuesday were the heaviest we have had on a Tuesday during the season, being estimated at 30,000. The market broke badly on all grades, light hogs and butchers, however showing most decline. Light hogs that sold Monday at

\$5.05 to \$5.15, sold Tuesday at \$4.75 to \$4.85, and the best butchers and shippers that cost \$5.10 to \$5.20 Monday, sold Tuesday at \$4.85 to \$5, very few above \$4.90. Heavy packers were slow sale at \$4.25 to \$4.40. To-day, with 23,000 hogs, the market is stronger, and in some cases 5c. higher. It looks now as though they are getting these prices very near to a point where country shippers can operate with safety, but it would not surprise us to see them go still lower.

**SHEEP.**—Receipts of sheep have fallen far below the expectation of the trade here so far this week. The market shows decided improvement on all classes of sheep, fat ewes selling up to \$3.50 to \$3.60; fat wethers, 4c., and fat lambs, \$5 to \$5.75. Medium lambs are still selling around \$4.50 and coming in liberal numbers. We would advise buying this class of stock with a good margin. Receipts look light for the balance of the week.

### ST. JOSEPH

(Special to The National Provisioner.)

Although prices have shown some deterioration in Chicago this week, beef steers here showed a little strength Monday and held about steady to-day, and the demand has been in excess of the supply. This applies more to the good to choice ripe steers than to the half-fat natives and the grass westerns, as there have practically been no good finished steers on the market. The outlook is not unfavorable for the most desirable kinds, but offerings grading under good and lacking in finish will sell to poor advantage as long as the range cattle continue to come. Cows and heifers are strong to 10c. higher than the close of last week, and canners also indicate an advance of 10c. Supplies have been fairly large, but packers have evinced considerable eagerness in making their purchases. Bulls have been in fair demand from packers, but in better request from yard traders, who want them for country feeding account. Prices have not shown much change, but there has been good life to the market. The trade in stock cattle continues dull at last week's low range of prices. The yards are filled with stocker stuff of all sorts, and it is the impression among dealers that values are the lowest of the season.

With an enlarged marketing of hogs at all points this week, packers have finally got values sufficiently below the \$5 mark to be able to hold them there for a while. The trade to-day declined 15@30c., with the bulk selling at \$4.65@4.90 and the top only \$5; but even these figures are relatively much higher than actual prices in Chicago and higher than competitive points. The supply of hogs here is not up to requirements. Quality continues to run very good, but receipts are pretty well sprinkled with light and medium weights, which indicates that farmers are drawing on the usual mid-winter supply, and it might mean better values toward the close of the winter packing season.

### KANSAS CITY.

(Special to The National Provisioner.)

**CATTLE.**—This week, 65,100; last week, 63,600; same week last year, 68,300. Trade was slow all week on all kinds of cattle except range cows. Corn cattle lost and the best kinds met with least demand, killers switching their preferences to wintered westerns at

under 4c., and to native bees that could be bought below \$4.50. Top for week, \$5.10. Branded cows advanced some, particularly canners. Stockers and feeders dull and barely steady from day to day. Quarantine steers steady, cows shade higher. Supply moderate. Veal calves lower, at 6c. for best natives.

**HOGS.**—This week, 40,100; last week, 34,600; same week last year, 61,000. Hog values lost 30@40c. during the past week, including loss of 5@10c. to-day. Prices are now lower than at any time within the last three years. Light and butcher hogs still command premium over heavies. Top to-day, \$4.85, and bulk of all sales \$4.50@4.80.

**SHEEP.**—This week, 41,000; last week, 30,200; same week last year, 40,700. Majority of sheep and lamb receipts were feeders. All grades of killing stock is up 15@30c., with keen demand, and are now higher than for three weeks past. Feeding stock, both sheep and lambs, are about steady, except trashy lambs, which are 10@20c. lower. Fat lambs bring \$5.25; western yearlings, \$3.80; fat ewes, 3c.; wethers, \$3.50. Feeding lambs are worth \$3.50@3.80; wethers up to \$3.10; ewes, \$2@2.50.

**HIDES.**—Unchanged. Green salted, 7c.; side brands, over 40 lbs., 6c.; under 40 lbs., 5c. Bulls, 6c.; uncured, 1c. less.

Packers' purchases for the week were:

	Cattle.	Hogs.	Sheep.
Armour .....	9,946	13,809	4,934
Fowler .....	1,481	2,980	1,262
S. & S. Co. ....	3,926	7,279	3,155
Swift .....	10,192	8,877	4,319
Cudahy .....	5,736	6,915	1,798
Ruddy .....	628	237	533

### IMPORTANT WIRELESS TELEGRAPH CONSOLIDATION.

The American DeForest Wireless Telegraph Co. has arranged to purchase the International Wireless Telegraph Co. and the two companies will be amalgamated.

The International Wireless Telegraph Co. has recently absorbed the following companies: The Consolidated Wireless Telegraph Co., the American Wireless Telephone & Telegraph Co., the New England Wireless Telephone & Telegraph Co., the Federal Wireless Telephone & Telegraph Co., the Atlantic Wireless Telephone & Telegraph Co., and the Northwestern Wireless Telephone & Telegraph Co., and has large holdings in the Pacific Wireless Telephone & Telegraph Co. and the Continental Wireless Telephone & Telegraph Co.

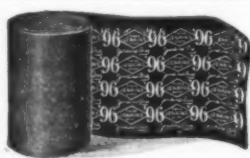
The International Company has nine large and important wireless stations, a large amount of wireless apparatus and eighty valuable patents, including the Dolbear pioneer patent in wireless telegraphy.

The acquisition of the above companies and their assets, together with the well-known and valuable patents, business assets, etc., of the American DeForest Co., places the latter company in an impregnable position, both in the United States and foreign countries.

The present plan involves the absorption of the assets of the DeForest Company and making the American DeForest the parent company.

Effective immediately you can now offer a limited amount of American DeForest Preferred, cumulative and participating stock at \$10 per share, with a bonus of 200 per cent. in American DeForest Common.

Capitalization, \$3,000,000 7 per cent cumulative, preferred and participating; \$9,000,000 common. Par value of shares, \$10 per share.



## Jenkins '96 Packing

NONE BETTER, as it makes joint instantly and will last as long as the metals which hold it.

NONE CHEAPER, as it weighs less than many others sold at equal price per pound.

Remember, all genuine stamped with Trade-Mark.

JENKINS BROS.,

New York,

Boston,

Philadelphia,

Chicago,

London.



# CHICAGO SECTION



H. Weiskopf is so heavily oversold on thermometers and hydrometers that he has his full force working nights.

A new brick wall has been built on the rear of the main building of Nelson Morris & Co. The interior has been painted and decorated.

The frame building which serves as the superintendent's office at the S. & S. plant has had another story added to it.

Charles Byrne, the buyer in Louisville representing Schwarzschild & Sulzberger and other packers, spent several days in our burg.

Among the latest Schwarzschild & Sulzberger recruits we find Mr. Eagle, who was long the superintendent of the Thomas J. Lip-ton Co.

Frank Uvo, of Ed. Keuth & Co., Antwerp, has arrived here on a business mission of some importance. Mr. Uvo is stopped at the Great Northern Hotel.

R. Weiss, the mechanical engineer who was for years active here, has returned from a trip to Europe, whither he went to interest some European manufacturers in American products.

R. C. Watkins, vice-president of the Central Stock Yards, of Louisville, Ky., was a visitor recently in Chicago. He came here to consult with Messrs. Healy and Moran regarding the location of the new Louisville packing plant.

Thomas Pringle, who succeeded Harry Boore as the superintendent of the Continental Packing Co., has been transferred to the Anglo-American Packing Co., taking the place of Ernest A. Bevan, who went abroad for his concern in an executive capacity.

On Wednesday of last week at 2 P. M. a novel and highly interesting exhibition of the work performed by the new rotary Hurford hog hoist was given in the shop of the All-bright-Nell Co. This small machine is well adapted for plants killing from 100 to 1,500 hogs per day, but can be used profitably by even smaller packers.

Yet another sign of awakening of the Link-Belt Manufacturing Co. The water tank on the top of the main building glistens in a new coat of paint decorated with gold. Really, this will attract the attention of the purchasing agents in the stock yards. Withal, the west siders, Caldwell & Son, and the Webster Manufacturing Co. are hustling for orders.

The Coffin-Fletcher Packing Co., of Indianapolis, are about to reconstruct their killing floor and are putting in a number of revol-

ving benches, hog scrapers, fat washers and conveyors. New coolers are also to be constructed and the plant otherwise is to receive the best up-to-date equipment. The contract for this work has been secured by the Weir & Craig Manufacturing Co., who, by the way, are represented in Chicago and the West by Thomas Dunderdale.

There seem to be two names mentioned prominently for the position made vacant by the recent resignation of Fred. W. Wilder. Neither one is an avowed candidate, but it is fair to assume that either one would accept the berth if it came to him in the right manner. Chas. S. Ullman, who has of late been devoting much of his time and attention to the Kansas City house and seems to be working in harmony with the heads of the house of S. & S., is the more likely of the two to step into the shoes of Mr. Wilder, if the position does not go to an out and out packinghouse superintendent. Mr. Ullman possesses in the highest degree all of the qualities which go to the making of a successful packinghouse manager, and though he may lack years, he is fortunate in being quick to grasp a difficult situation and ready with a sound solution. The other man heard of in connection with the vacancy is that of H. A. Bowen, master mechanic of the firm, a brief sketch of whom will be found elsewhere in these columns.

## LOLITA ARMOUR A STRONG GIRL.

Lolita Armour, daughter of J. Ogden Armour, president of Armour & Co., is now like all other healthy little girls. She can walk, run, play and dance like her little playmates. Dr. Lorenz, the famous Austrian specialist, cured her congenital lameness absolutely. The noted Vienna doctor has not only gladdened the hearts of the Armours and sweet little Lolita, but he has made hundreds of hearts happy in this country by his skill and success in the treatment of diseased hips.

## H. A. BOWEN, MASTER MECHANIC SCHWARZSCHILD & SULZBERGER CO.

The name of H. A. Bowen has been prominently mentioned in connection with the superintendency of the S. & S. Co., made vacant by the retirement of Fred. W. Wilder. A few words about him will be opportune. Fred. W. Wilder was his life friend. Mr. Bowen was born in Fitchburg, Mass., in 1859. He is a remarkable man in many ways—a man of action. Though his mind is of a practical bent, his ingenuity and inventive ability have long been recognized throughout the territory in which his name is known as an authority. Since 1875 H. A. Bowen has been a resident of Chicago, during which period he was actively associated with Swift & Company from 1890 to 1897. With the exception of one

year and a half since then he has been in the employ of S. & S., first in Kansas City and since 1901 in Chicago. When with Swift & Company, Mr. Bowen patented a device for refrigerator cars, which is in use on all that company's cars. He has also invented a number of other things, but as yet he has not taken out letters patent.

As a mechanic he has few equals, and as a thorough disciplinarian—yet a kindly employer—it would be difficult to find his peer.

## THE GLUE MEN MEET.

On Wednesday evening, November 11, the second monthly gathering of the glue men took place at the Bismarck, Chicago.

Covers were laid for about twenty, and a more enjoyable affair it would be difficult to find. There was manifest a remarkable fellow feeling. The subject for the night's discussion was, "Credits and How We Can Best Protect Ourselves." Lively debate ensued and there was a strong division upon the issue whether it would be advisable to regulate trade discounts by some uniform rule, or whether it would not be better to let each case be judged on its merits and disposed of by the seller as he sees fit. Prominent among those present at this enjoyable dinner were C. A. Alling, the active and progressive member of Darling & Co.; H. A. Taylor, of the Anglo-American Packing Co.; Mr. Allison, the Chicago Glue Co.; Mr. Copley, Swift & Company; Mr. Williamson, Armour & Co.; Mr. Kiley, Armour & Co.; Mr. Eppstein, Stern, Hirsch & Co.; Mr. Bowman, Swift & Company; Mr. Smith, Baeder, Adamson & Co.; Mr. Wisdom, Wisdom & Co.; Mr. Bailey, Bailey, Palmer & Co.; Mr. Bassenger, Diamond Glue Co.

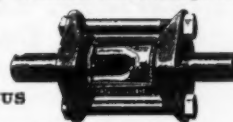
H. A. Taylor, who is the secretary of the Glue Men's monthly meeting, and who is doing yeoman's work to establish a permanent association, representative of Chicago, would make a splendid subject for a sketch, but as Mr. Taylor's modesty would not permit his divulging aught regarding his personality, the readers of the National Provisioner must needs wait until the desired information is procurable at second hand.

## CLIMAX COUPLING.

Tested to 300 Lbs. Pressure  
6000 Used by Western Cold Storage Co.

SIMPLE

INGENIOUS



BEST AMMONIA JOINT MADE.  
6956 Cornell Avenue  
E. LAWSON, CHICAGO, ILL.

SEND FOR CIRCULAR.



## CHICAGO STOCKYARDS RECEIPTS AND SHIPMENTS.

	Receipts.			
	Cattle.	Calves.	Hogs.	Sheep.
Tuesday, Nov. 3.....	7,904	600	20,133	30,920
Wednesday, Nov. 4.....	23,123	584	28,216	24,701
Thursday, Nov. 5.....	10,316	836	15,300	22,020
Friday, Nov. 6.....	2,821	561	16,126	6,752
Saturday, Nov. 7.....	305	269	11,754	1,203
Monday, Nov. 9.....	20,833	733	32,082	30,663
Tuesday, Nov. 10.....	4,000	500	30,000	18,000
Total last week.....	71,135	4,279	116,292	142,479
Same week last year.....	56,981	3,515	170,040	124,525
Year ago this week.....	77,821	4,314	175,907	141,494

## Shipments.

	Cattle.	Calves.	Hogs.	Sheep.
Tuesday, Nov. 3.....	3,502	70	1,922	12,316
Wednesday, Nov. 4.....	4,353	56	3,905	14,487
Thursday, Nov. 5.....	6,480	29	2,403	17,813
Friday, Nov. 6.....	5,063	282	2,761	9,844
Saturday, Nov. 7.....	1,285	7	2,290	399
Monday, Nov. 9.....	4,485	69	5,801	4,249
Tuesday, Nov. 10.....	2,520	50	2,400	9,000
Total last week.....	26,108	462	15,413	60,379
Same week last year.....	16,965	1,089	12,904	36,423
Year ago this week.....	24,344	839	11,085	38,652

Receipts for year to date, with comparisons:

	Cattle.	Hogs.	Sheep.	Cars.
1903 .....	2,943,017	5,981,027	3,874,192	255,441
1902 .....	2,486,817	6,548,772	3,740,777	232,589
Increase .....	456,200	183,415	22,852	
Decrease .....		569,145		

## Cattle.

Choice to fancy heaves, 1,200 to 1,500 lbs.....	\$5.45@5.75
Good to choice steers.....	4.90@5.40
Fair to good export and shipping steers.....	4.35@4.85
Medium beef steers.....	3.90@4.25
Plain beef steers.....	3.60@3.85
Common to rough, 1,000 to 1,200 lbs.....	3.50@3.75
Good to fat heifers.....	3.75@4.50
Good to choice feeders.....	3.40@4.35
Good to plain stockers and feeders.....	2.60@3.25
Fair to good cows and heifers.....	2.50@3.60
Good cutting and fair beef cows.....	1.90@2.40
Common to good canning cows.....	1.25@1.90
Bulls, poor to choice.....	2.40@4.25
Calves, choice to fancy.....	6.75@7.75
Calves, common to fair.....	2.75@6.50
Corn-fed Western steers.....	4.00@4.50
Texas bulls and grass steers.....	2.90@3.80
Fed Texas steers, fair to choice.....	3.40@4.40
Western range steers.....	3.20@4.40

## Hogs.

Good to choice heavy packing.....	\$4.75@4.95
Fair to good heavy packing.....	4.40@4.70
Rough and common heavy mixed.....	4.10@4.35
Assorted light, 150 to 195 lbs.....	4.85@5.05
Good to choice butcher weights.....	4.80@5.05
Fair to choice light mixed.....	4.60@5.95
Thin to choice, 50 to 130 lb. pigs.....	4.10@5.25
Stags and rough lots.....	2.50@4.50

## Sheep.

Good to prime native wethers.....	\$3.50@4.00
Fair to good mixed lots.....	3.10@3.50
Good to choice range wethers.....	3.25@3.75
Good to prime yearlings.....	3.80@4.30
Poor to choice yearling feeders.....	3.15@3.65
Ewes, fair to fancy.....	2.75@3.40
Plain to choice breeding stock.....	2.10@3.35
Culls and tail-end stock.....	1.50@2.00
Native lambs, poor to fair.....	3.00@4.75
Native lambs, good to choice.....	5.00@5.75
Fat Western lambs.....	4.70@5.25
Western feeding lambs.....	3.75@4.50

## TALLOW, GREASE, OIL, ETC.

(Special Letter to The National Provisioner from George M. Sterne &amp; Son.)

Both hogs and product have scored a very fair decline during the past week, the only article which has held its own, being cash and the near option of lard. The January and May options of pork have sold off 60c. a barrel; lard, 17½c. per 100 lbs., and ribs 20 to 22½c. per 100 lbs. Cash lard, on the contrary, is a shade higher, owing to scarcity, and the November option practically unchanged. The stocks here of lard have been considerably reduced, and are now variously estimated from 18,000 to 25,000 tierces, but as this is almost entirely in the hands of the refiners and shippers, who have it sold for November and early December shipments, and the current manufacture, both here and at outside points is needed for the daily, domestic requirements, there is very little show for buyers to secure round lots, unless they bid up to a point where holders see some inducement to part with their property.

Hog receipts have been decidedly disappointing, both in numbers and the average weight, which fell off 12 lbs. from the previous week, 225 lbs. against 237 lbs. The average price of hogs yesterday and to-day, about \$4.65 for good, packing droves, with common heavy hogs selling around \$4.25, practically confirmed our prediction of \$4.50 hogs for November, and at the recent prices for January product, show a good packing margin.

If the price of hogs can be held down or depressed a little further when receipts increase, the packing business will not be without profit during the next few months, provided the product is distributed to the consumer and not piled up here speculatively, as was done during the past summer.

There seems little doubt but that there are plenty of young hogs in the country, our correspondents from almost every section of the West reporting these conditions, but as corn is in good supply, and the price of hogs still shows a handsome profit in feeding, over what could be made by selling the corn for shipment, farmers and feeders will, no doubt, hold and fatten hogs as long as the weather continues open and the hogs take on fat profitably. Hence we may not get our larger receipts until after the cold weather fairly sets in. Cash demand continues fair, particularly for lard, but the supply of meats decreases slowly, although the current manufacture is small.

Consumers and jobbers generally are not inclined to load up ahead of their wants, and are buying futures sparingly, as there is a general feeling that we are going into a season of more moderate prices and probably of a somewhat restricted, consumptive

demand, which tends to make merchants decidedly conservative in their purchases.

LARD.—Cash market declined 10c., closing at \$6.82½. Loose, \$6.45. Shipments, 4,400 tcs., against 3,400 tcs. same day last year. Liverpool unchanged at 38s. Hog receipts West 68,000, against 63,000 same day last week and 80,000 same day a year ago. Estimated to-morrow, 23,000. Top price to-day, \$5.10. Leaf lard, 8½c. Extra neutral is still nominal. The market opened steady to strong, as hog receipts were a little disappointing, and prices higher at the yards. The nearer options advanced 2½c., while January advanced 5 to 7½c., but later with very weak grain markets the market declined sharply, December selling off 12½c., the January 15c. from the high point of the day, closing weak at the bottom. The cash situation is still quite an enigma, prices hard to quote accurately as the supply is largely in the hands of a prominent operator, and is quoted variously to-day, from 15 to 20c. over January. Outside lots can be bought somewhat less, though there is not much offering as heretofore, the domestic consumption generally absorbing the manufacture.

STEARINES.—Offerings are free, trade exceedingly light. Prime oleo stearine is offered freely at 6½c. to 6¾c. here, and 6½c. at Missouri river points. No. 2 is nominally 6c. Lard stearine, 8c. Mutton stearine, 6½c. Unbleached tallow stearine, 5¼c. Grease stearine, 4¼c. to 4½c.

OLEO OIL.—Market is quiet, prices are unchanged. Extra oleo oil, 7¼c. to 7¾c.; No. 2, 6½c. to 6¾c.; No. 3, 5½c. to 6c.; extra oleo stock, 6½c. to 7c.

TALLOW.—Stocks are in good request, several sales reported at unchanged prices. Packers' edible, 5½c. to 5¾c.; prime packers, 4¾c. to 5c.; No. 1 packers, 4¾c. to 4¾c.; No. 2 packers, 3¾c. to 4c.; prime city, 4¾c. to 5c.; city renderers, 4½c. to 4¾c.; prime country, 4¾c. to 4¾c.; No. 1 country, 4¾c.; "B" country, 4¾c. to 4¾c. London cables report 1,250 casks offered, three-quarters sold at unchanged prices.

GREASES.—There is very little offered, especially for immediate shipment. Stock are in good request, and prices in some instances are a shade stronger. "A" white, 4¾c. to 5c.; "B," 4¾c. to 4¾c.; house, 3¾c.; yellow, 3¾c. to 4c.; brown, 3¾c. to 3¾c.; bone, 3¾c. to 4¾c.; glue stock, 4c.; neatfoot stock, 4c. to 4¼c.

COTTONSEED OIL.—Bleaching prime summer yellow offered for November at 31c. Also November, December, January and February, 31c. No off summer yellow offered to-day, but there were sales yesterday of a few tanks at 29c. A limited quantity of crude can be bought around 25c. f. o. b. territory points. The crude mills are not offering freely at present. The market seems stronger and refiners are inclined to hold for better prices.

COTTONSEED SOAP STOCK.—Concentrated, on a basis of 63 to 65 per cent. F. A., 2c.; regular stock, on a basis of 50 per cent. F. A., 1 to 1½c.

## GEO. M. STERNE AND SON

BUY AND SELL

Packing House Products  
AND SUPPLIES

Stearines, Tallow and Grease, Glue, Shellac and Alcohol, Cottonseed Oil Products and Fertilizer  
Materials, Candle Pitch (Write for sample)

## PRESERVATIVES

GEO. M. STERNE & SON, CITY OFFICE, RIALTO BLDG.  
Salesroom & Warehouse, 19th & Clark Sts.

Connected by our own switch with L. S. &amp; M. S. R. R. Direct telegraph wires.





## PROVISION LETTER.

(Special Letter to The National Provisioner from G. D. Forsyth & Co.)

We quote to-day's market as follows: Green hams, 10-12 av., nominally 10c.; do., 12-14 av., nominally 9½c.; do., 14-16 av., nominally 9c.; do., 18-20 av., nominally 8½c.; green picnics, 5-6 av., nominally 6½c.; do., 6-8 av., nominally 5¼@6c.; do., 8-10 av., nominally 5¼@6c.; green N. Y. shoulders, 10-12 av., nominally 6½c.; do., 12-14 av., nominally 6½c.

## A MEAT AND CATTLE COINCIDENCE.

A coincidence will happen in Fort Worth, Tex., the last week in this month. Both the Texas Cattle Raisers' Association and the promoters of the Independent Packing Company will meet at that time. President Turney, of the association, says: "The two meetings have nothing in common. They happen to meet then. The association is for the protection of the cattleman's interests and for fostering the industry, but as an association we cannot go into the packery business. Members of the association may go into the new concern as individuals, however, just as they might go into any other concern that they believe to be to their interest."

## HOG SLAUGHTER IN CHICAGO.

During the week ending November 7, 1903, the following number of hogs were purchased by:

Armour & Co.	21,800
Anglo-American	8,600
Boyd, Lunham & Co.	4,100
Continental Packing Co.	3,100
National Packing Co.	3,600
Omaha Packing Co. (outside)	3,950
Morris & Co.	8,100
Schwarzchild & Sulzberger	5,300
Swift & Co.	18,800
City butchers	11,000
Shippers	20,500
Speculators and unsold	17,600
<b>Total</b>	<b>126,450</b>

The Best  
and Cheapest  
10-In. Hanger

PRESSED  
STEEL

Write for prices  
on Up-to-date  
Switches,  
Tracking,  
Hangers,  
Rollers, Etc.



50% Stronger and  
50% Cheaper than  
a cast iron Hang-  
er

The  
Allbright-  
Nell Co.

MANUFACTURERS  
CHICAGO

## THE DAVIES WARE- HOUSE & SUPPLY CO.

Office: 20 N. Clark St.  
on C. & N. W. R. R. } CHICAGO  
Warehouse: 161 N. Water St.

Tools, Scoops & Shovels.

## HOG RUNS BY WEEKS.

The following show the combined weekly receipts at the eleven principal stock markets from Jan. 10 to Oct. 10, for the years 1900, 1901, 1902 and 1903:

Weeks.	1903.	1902.	1901.	1900.
Jan. 10.....	459,000	629,000	593,000	540,000
May 16.....	450,000	428,000	467,000	490,000
May 30.....	463,000	432,000	526,000	527,000
June 6.....	394,000	516,000	533,000	527,000
June 13.....	339,000	400,000	487,000	485,000
June 20.....	475,000	424,000	459,000	427,000
June 27.....	506,000	434,000	445,000	480,000
July 4.....	356,000	330,000	400,000	318,000
July 11.....	454,000	349,000	457,000	400,000
July 18.....	420,000	310,000	540,000	410,000
July 25.....	379,000	295,000	515,000	341,000
Aug. 1.....	344,000	282,000	451,000	346,000
Aug. 8.....	376,000	306,000	412,000	363,000
Aug. 15.....	408,000	455,000	413,000	335,000
Aug. 22.....	333,000	317,000	393,000	340,000
Aug. 29.....	358,000	298,000	379,000	339,000
Sept. 5.....	322,000	267,000	351,000	351,000
Sept. 19.....	320,000	268,000	317,000	379,000
Sept. 26.....	300,000	277,000	371,000	412,000
Oct. 3.....	315,000	306,000	400,000	437,000
Oct. 10.....	307,000	306,000	366,000	431,000

## PRODUCE EXCHANGE NOTES.

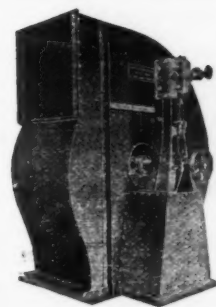
Memberships quoted at \$175 to \$200.  
New members Samuel D. Collins, M. E. Holly, Edward Hinman, John McAuliffe, Jr. Proposed for membership Albert T. Rohe (Rohe & Bro.), William Rohe (Rohe & Bro.), J. Henry Smith (stock broker).  
Visitors: Arthur Cook, A. Blyth, Liverpool; H. J. Boldnigh, Rotterdam; Rudolph

Manufacturers and  
Dealers in all kinds of  
Packing House Supplies.

ALL IRON TANK  
COCKS, D & D Pattern

HAM and LIVER  
NEEDLES

BRASS and IRON  
GOODS.



**"ABC"**  
**HEATING  
VENTILATING  
DRYING  
MECHANICAL DRAFT  
APPARATUS**  
**FANS AND BLOWERS FOR ALL PURPOSES**  
**CATALOGUES ON REQUEST**  
**AMERICAN BLOWER CO**  
DETROIT, MICH.  
NEW YORK CHICAGO LONDON

Bohme, Hamburg; G. F. Fischer, Amsterdam; W. H. Shepherd, D. K. Tripp, F. T. Ackerman, R. Main, W. J. Duckstaeker, J. J. Silberhorn, P. Rice, Chicago.

### CHICAGO PROVISION MARKET. RANGE OF PRICES. SATURDAY, NOV. 7.

	Open.	High.	Low.	Close.
LARD—(Per 100 lbs.)—				
January	6.77	6.82	6.77	6.80
May	6.75	6.80	6.75	6.77
RIBS—(Boxed 25c. more than loose)—				
January	6.27	6.27	6.22	6.22
May	6.37	6.37	6.32	6.32
PORK—(Per barrel)—				
January	12.02	12.05	11.97	11.97
May	12.15	12.15	12.07½	12.07

	Open.	High.	Low.	Close.
PORK—(Per barrel)—				
January	11.90	12.00	11.90	11.97
May	12.05	12.07	11.97	12.05
LARD—(Per 100 lbs.)—				
January	6.25	6.90	6.82	6.87
May	6.80	6.85	6.80	6.85
RIBS—(Boxed 25c. more than loose)—				
January	6.20	6.27	6.20	6.25
May	6.30	6.35	6.30	6.35

	Open.	High.	Low.	Close.
LARD—(Per 100 lbs.)—				
January	6.82	6.82	6.77	6.75
May	6.80	6.82	6.72	6.72
RIBS—(Boxed 25c. more than loose)—				
January	6.22	6.22	6.17	6.17
May	6.30	6.32	6.27	6.27
PORK—(Per barrel)—				
January	11.85	11.85	11.75	11.75
May	11.97	12.00	11.82	11.85

	Open.	High.	Low.	Close.
LARD—(Per 100 lbs.)—				
January	6.75	6.80	6.67	6.67
May	6.70	6.77	6.65	6.65
RIBS—(Boxed 25c. more than loose)—				
January	6.17	6.20	6.10	6.10
May	6.27	6.30	6.20	6.20
PORK—(Per barrel)—				
January	11.80	11.82	11.62	11.62
May	11.85	11.92	11.70	11.72

	Open.	High.	Low.	Close.
LARD—(Per 100 lbs.)—				
January	6.62	6.67	6.62	6.67
May	6.60	6.65	6.60	6.62
RIBS—(Boxed 25c. more than loose)—				
January	6.07	6.10	6.05	6.05
May	6.20	6.22	6.15	6.17
PORK—(Per barrel)—				
January	11.57	11.62	11.50	11.55
May	11.70	11.72	11.57	11.65

	Open.	High.	Low.	Close.
PORK—(Per barrel)—				
January	11.60	11.62	11.57	11.62
May	11.65@11.70	11.75	11.65	11.75
LARD—(Per 100 lbs.)—				
January	6.67@6.70	6.82	6.67	6.82
May	6.62	6.72	6.62	6.75
RIBS—(Boxed 25c. more than loose)—				
January	6.10	6.17	6.10	6.15
May	6.20	6.27	6.20	6.25

# MARKET PRICES.

## CHICAGO.

### FERTILIZERS.

Dried blood, per unit.....	@ 2.45
Hoof meal, per unit.....	@ 2.20
Concent. tank, 15 to 18% per unit.....	@ 2.10
Ground tank, 10 to 11% per unit.....	2.25 @ 10c.
Unground tank, 10 to 11% per unit.....	2.10 @ 10c.
Unground tank, 9 and 30% ton.....	21.00
Unground tank, 6 and 35% ton.....	14.50
Ground raw bone, per ton.....	32.00
Ground steam bone, per ton.....	18.00

### HORNS, HOOF AND BONES.

Horns, No 1, 65 to 70 lb., avg. ton.....	\$275.00
Hoofs, black, per ton.....	25.00
Hoofs, striped, per ton.....	28.00
Hoofs, white, per ton.....	45.00
Round shin bones, 38 to 40 lb., avg. ton.....	45.00
Round shin bones, 50 to 52 lb., avg. ton.....	40.00
Long thigh bones, 90 to 95 lb., avg. ton.....	35.00

### LARDS.

Choice prime steam.....	@ 6.82 1/4
Prime steam.....	@ 6.82 1/4
Neutral.....	10 1/4 @
Compound.....	@ 6 1/4

### STEARINES.

Oleo.....	6 1/4 @ 6 1/4
Lard.....	8 @ 8 1/4
Graese, W.....	5 1/4 @
Graese, B.....	@
Graese, Y.....	4 1/4 @ 4 1/4

### OILS.

Lard Oil, extra winter strained.....	56
Lard Oil, extra, No. 1.....	38
Lard Oil, No. 1.....	36
Lard Oil, No. 2.....	34
Oleo Oil, extra.....	7 1/4 @ 7 1/4
Oleo Oil, No. 2.....	6 1/4 @ 6 1/4
Neatsfoot Oil, pure.....	65 @
Neatsfoot Oil, No. 1.....	

### TALLOW.

Packers' prime.....	47 1/2 @ 5
No. 2.....	3 1/2 @ 4
Edible.....	@ 5 1/4
City renderers.....	4 1/2 @ 4 1/2

### GREASE.

Brown.....	3 1/2 @ 3 1/4
Yellow.....	3 1/2 @ 3 1/4
White A.....	4 1/2 @ 4 1/4
Bone.....	4 1/2 @ 4 1/4

### CURING MATERIALS.

Redned saltpetre.....	4 1/2 @ 5 1/4
Boracic acid, crystal to powdered.....	10 1/4 @ 11 1/4
Borax.....	7 1/2 @ 8
Sugar—	
Pure, open kettle.....	3 1/4
White, clarified.....	4
Plantation, granulated.....	4 1/4
Yellow, clarified.....	3 1/2
Salt—	
Ashton, in bags, 224 lb.....	\$2.40
Eng. packing, in bags, 224 lb.....	1.50
Michigan, medium, car lots, per ton.....	3.00 @ 3.50
Michigan granulated, car lots, per ton.....	2.75
Casing salt, bbls., 280 lb., 2X and 3X.....	1.10

### COOPERAGE.

Tierces.....	\$1.37 1/4 @ 1.40
Barrels.....	1.07 1/4 @ 1.10

## BUTCHERS' WHOLESALE PRICE LIST.

### CORNED, BOILED AND ROAST BEEF.

	Per doz.
1 lb., 5 doz. to case.....	\$1.25
2 lb., 1 or 2 doz. to case.....	2.30
4 lb., 1 doz. to case.....	4.55
6 lb., 1 doz. to case.....	8.00
14 lb., 1/2 doz. to case.....	18.00

## EXTRACT OF BEEF.

	Per doz.
1 oz. jars 1 dozen in box.....	\$2.25
2 oz. jars 1 dozen in box.....	3.35
4 oz. jars 1 dozen in box.....	6.50
8 oz. jars 1/2 dozen in box.....	11.60
6 oz. jars 1/2 dozen in box.....	22.00
2, 5 and 10 lb. tins.....	\$1.75 per lb.

## BARRELED BEEF AND PORK.

Extra plate beef.....	39.50
Plate beef.....	9.00
Extra mess beef.....	9.50
Prime mess beef.....	10.00
Beef ham.....	Not Quoted.
Rump butts.....	9.00
Mess pork, repacked.....	12.00
Extra clear pork, Long Cut.....	16.75

## DRIED BEEF PACKED.

Ham sets.....	12 1/4
Insides.....	13 1/4
Outsides.....	11 1/4
Knuckles.....	12 1/4
Reg. cloths.....	10

## SMOKED MEATS PACKED.

A. C. Hams.....	14
Skinned Hams.....	12 1/4
Shoulders.....	6 1/4
Pickles.....	7 1/4
Breakfast Bacon.....	18 1/4

## LARD.

Pure leaf, kettle rendered, per lb. tes.....	8
Lard substitute, tes.....	7 1/2
Lard compound.....	7 1/2
Barrels.....	1/2 c. over tes.
Tubs, from 10 to 80 lb.....	1/2 c. to 1 c. over tes.

## BUTTERINE.

### F. O. B. CHICAGO.

No. 1, natural color.....	@ 10
No. 2, natural color.....	@ 11 1/4
No. 3, natural color.....	@ 14
No. 4, natural color.....	@ 15

### F. O. B. KANSAS CITY.

No. 1, natural color.....	11 @ 12
No. 2, natural color.....	14 @ 15
No. 3, natural color.....	14 1/4 @ 16
No. 4, natural color.....	15 1/4 @ 17

## BOILED MEATS.

Hams, boneless.....	17
California, boneless.....	11
Roiled shoulders.....	11

## DRY SALT MEATS.

Rib bellies.....	8.75
Short clears.....	
Plates, regular.....	7.00
American shoulders.....	

## SAUSAGE CASINGS.

Beef round, set of 100 ft.....	12
Beef middles, set of 57 ft.....	35
Beef bungs, each.....	7
Hog casings, per lb free of salt.....	45
Hog bungs exports.....	10
" " medium, each.....	5
" " small, each.....	2
Sheep casings, per bundle.....	65

## SAUSAGES.

Summer, H. C.....	16
German Salami.....	15
Holsteiner.....	12
D'Artes H. C.....	
Italian Salami.....	
Cervelat.....	13
Bologna.....	6
Frankfurts.....	9
Blood, Liver and Head Cheese.....	7
Tongue.....	9
Special Compressed Ham.....	9
Berliner Ham.....	9
Polish.....	8
Veal Ham.....	8
Pork Sausage.....	0 @ 9 1/4

## VINEGAR PICKLE—COOKED MEATS.

Pigs' Feet, 1/2 bbl. 80 lb.....	\$3.40
Snouts, 1/2 bbl. 80 lb.....	5.30
Ox Hearts, 1/2 bbl. 80 lb.....	5.30
Plain Tripe, 1/2 bbl. 80 lb.....	2.40
H. C. Tripe, 1/2 bbl. 80 lb.....	4.50

## DRESSED BEEF.

	Carcass.	Fores.	Hinds.
Fair Cows.....	5 1/4	5	7 1/4
Good Young Cows.....	7	5 1/4	8 1/4
Native Heifers.....	7 1/4 @ 8	6	9 1/4
Texas Steers.....	7 @ 7 1/4	5 1/4	9
Western Steers.....	7 1/4 @ 8	6 1/4	10
Native Steers.....	7 1/4 @ 8 1/4	6 1/4	11

## BEEF CUTS.

	No. 1.	No. 2.	No. 3.
Loins.....	15 1/2 @ 16	12 1/4	9
Short Loins.....	20	18	12
Ribs.....	14	12 1/4	9 1/4
Tenderloins.....			15
Chucks.....	6	5 1/4	4 1/4
Plates.....	4 1/4	4 1/4	3 1/4
Rounds.....	8	7	6
Rolls boneless.....			9 @ 10
Shoulder loins, boneless.....			7 @ 7
Rump Butts, boneless.....			6 1/4
Chucks boneless.....			4 1/4
Strip Loins.....			6 1/4
Beef Ham Sets.....			8

## BEEF SUNDRIES.

Cheek meat.....	4
Hangingenders.....	4 1/4
Flank steak.....	7 @ 9
Trimming.....	4
Shanks.....	3 1/4
Flanks (rough).....	5
Brails.....	4
Kidneys.....	4
Beef Suet.....	4
Sweetbreads.....	25
Oxtails.....	3 1/4
Livers.....	4
Hearts.....	3
Tongues.....	11 1/4
Clean Tripe (reg.).....	2 1/4
Clean Tripe (H. C.).....	4

## CALVES.

Carcass.....	7 @ 10
Fores.....	5 @ 8
Hinds.....	9 @ 12
Sweetbreads.....	45c.
Livers.....	30c.

## MUTTON.

Lambs (carcass) ..	11 1/4 @ 12 1/4
Ewes (carcass).....	7 @ 8
Yearlings (carcass).....	9 @ 10
Wethers (carcass).....	8 @ 9
Mutton (racks).....	6 @ 7
Mutton, legs.....	@ 11
Mutton, breasts.....	@ 5 1/4
Mutton steaks.....	@ 5 1/4
Lamb (racks).....	9 @ 10
Lamb, loins.....	@ 16
Lamb, saddles.....	@ 16
Lamb, legs.....	@ 16
Lamb, tongue.....	12c per lb.
Lamb, fries.....	5c. pair

## PORK.

Dressed Hogs.....	7 1/4
Tenderloins.....	18
Pork Loins.....	10
Spare Ribs.....	9 1/4
Butts.....	8
Shoulders.....	7
Shoulders (skinned).....	7
Trimming.....	5
Pigs' Tails.....	4 1/4
Hearts (per pound).....	3
Leaf Lard.....	9
Heads (rough).....	3 1/4
Heads (cleaned).....	4 1/4
Hocks.....	4
Cheek Meat.....	4
Neck Bones.....	1 1/4
Backfat.....	6 1/4
Plux (per lb).....	3
Kidneys (per lb).....	1 1/4
Pigs' Feet rough.....	2 1/4
Pigs' Feet (cleaned).....	2 1/4
Brains (per lb).....	3
Snouts and Ears.....	3 1/4
Tongues.....	9 1/4

## BUTCHERS' OFFAL.

Tallow.....	6c.
Mixed bone and tallow.....	3 1/4 per lb.
Calfskins, 8 to 15 lb.....	10 @ 11
Calfskins, under 8 lb.....	10c. each

## NEW YORK CITY

## LIVE CATTLE MARKET.

WEEKLY RECEIPTS TO NOV. 9, 1903.

	Beeves.	Cows.	Calves.	Sheep.	Hogs.
Jersey City.....	2,912	—	701	19,973	14,636
Sixtieth Street.....	1,905	80	3,371	12,978	—
Fortieth Street.....	—	—	—	20,856	—
Lehigh Valley.....	5,220	—	—	3,342	—
West Shore R. R.....	220	62	—	537	—
Weehawken.....	1,188	—	—	1,150	—
Baltimore & Ohio.....	—	—	—	211	—
Scattering.....	—	—	62	33	—
Totals.....	11,574	142	4,224	34,882	38,874
Totals last week.....	12,920	127	3,820	33,980	30,754

## WEEKLY EXPORTS.

Swift & Co., Sa. Cedric.....	—	—	1,200	—	—
Schwarschild & S., Sa. Victorian.....	402	—	—	—	—
Schwarschild & S., Sa. Menominee.....	350	—	2,000	—	—
Schwarschild & S., Sa. St. Nicholas.....	75	—	—	—	—
Schwarschild & S., Sa. Philadelphia.....	—	—	900	—	—
J. Shamberg & Son, Sa. Victorian.....	402	1,150	—	—	—
J. Shamberg & Son, Sa. Menominee.....	350	—	—	—	—
J. Shamberg & Son, Sa. St. Nicholas.....	250	—	—	—	—
J. Shamberg & Son, Sa. Colorado.....	150	—	—	—	—
Morris Beef Co., Sa. Victorian.....	—	—	2,300	—	—
Morris Beef Co., Sa. Cedric.....	—	—	1,900	—	—
Armour & Co., Sa. Victorian.....	—	—	2,100	—	—
Armour & Co., Sa. Philadelphia.....	—	—	2,350	—	—
Cudahy Packing Co., Sa. Etruria.....	—	—	1,700	—	—
Miscellaneous, Sa. Pretoria.....	52	180	—	—	—
Total exports.....	2,031	1,339	14,450	—	—
Total exports last week.....	2,669	1,725	14,800	—	—
Boston exports this week.....	3,617	1,175	20,851	—	—
Baltimore exports this week.....	1,486	1,200	—	—	—
Philadelphia exports this week.....	—	—	1,200	—	—
Portland exports this week.....	798	—	—	—	—
Newport News exports this week.....	939	—	—	—	—
Montreal exports this week.....	3,595	3,863	—	—	—
Quebec exports this week.....	230	—	—	—	—
To London.....	5,100	4,968	9,270	—	—
To Liverpool.....	5,323	3,666	23,981	—	—
To Glasgow.....	1,228	—	—	—	—
To Bristol.....	180	303	—	—	—
To Manchester.....	326	451	—	—	—
To Antwerp.....	325	—	—	—	—
To Hull.....	150	—	—	—	—
To Southampton.....	—	—	3,250	—	—
To Bermuda and West Indies.....	52	180	—	—	—
Totals to all ports.....	12,096	9,577	36,501	—	—
Totals to all ports last week.....	7,832	4,101	15,800	—	—

## QUOTATIONS FOR BEEVES.

Good to choice native steers.....	\$4.75@5.25
Medium to fair native steers.....	4.00@4.65
Poor to ordinary native steers.....	3.25@3.85
Oxen and stags.....	2.00@4.25
Bulls and dry cows.....	1.10@3.90
Good to choice native steers one year ago.....	5.85@6.50

## LIVE CALVES.

Live real calves, a few selected.....	100 lb 8 1/4 @ 8 3/4
Live real calves, good to prime.....	100 lb 8 1/4 @ 8 3/4

## LIVE HOGS.

Hogs, heavy weights (per 100 lbs.).....	@5.75
Hogs, medium.....	@5.75
Hogs, light to medium.....	5.75 @ 5.80
Pigs.....	6.00 @ 6.10
Roughs.....	4.75 @ 5.00

## LIVE SHEEP AND LAMBS.

Spring lambs, selected.....	per lb. 6 1/4
Spring lambs, good to choice.....	per lb. 6
Spring lambs, culls.....	5 1/4
Sheep, selected.....	per 100 lb. 14
Sheep, medium to good.....	per 100 lb. 14
Sheep, culls.....	per 100 lb. 2 1/4

## DRESSED BEEF.

## CITY DRESSED.

Choice native, heavy.....	9 @
Choice native, light.....	8 1/4 @ 9 1/4
Common to fair, native.....	7 1/4 @ 8 1/4

## WESTERN DRESSED BEEF.

Choice native, heavy.....	8 1/4 @ 8 1/4
Choice native, light.....	8 @ 8 1/4
Native, com. to fair.....	7 @ 7 1/4
Choice Western, heavy.....	7 @ 7 1/4
Choice Western, light.....	6 1/4 @ 6 1/4
Common to fair, Texan.....	5 @ 6 1/4
Good to choice helters.....	7 @ 7 1/4
Common to fair helters.....	6 @ 6 1/4
Choice cows.....	6 @ 6 1/4
Common to fair cows.....	5 @ 5 1/4
Good to choice oxen and stags.....	6 1/4 @ 7
Common to fair oxen and stags.....	5 1/4 @ 6
Freshy Holstein bulls.....	5 @ 6
Fresh pork loins, Western.....	11 @ 13

## DRESSED CALVES.

Veals, city dressed, prime, per lb.....	@13 1/4
Veals, good to choice, per lb.....	@11 1/4 @ 13
Calves, country dressed, prime, per lb.....	@10 1/4 @ 11 1/4
Calves, country dressed, fair to good.....	8 1/4 @ 10 1/4
Calves, country dressed, common.....	6 1/4 @ 7 1/4

## DRESSED HOGS.

Pigs.....	@ 8 1/4
Hogs, heavy.....	@ 7
Hogs, 135 lb.....	7 @ 7 1/4
Hogs, 160 lb.....	@ 7 1/4
Hogs, 140 lb.....	@ 7 1/4

## DRESSED SHEEP AND LAMBS.

Spring Lambs, choice.....	per lb @ 9 1/4
Spring Lambs, good.....	@ 9
Spring Lambs, culls.....	@ 8 1/4
Sheep, choice.....	@ 8 1/4
Sheep, medium to good.....	@ 8
Sheep, culls.....	@ 5 1/4

## LIVE POULTRY.

Spring chickens nearby per lb.....	@ 11
Spring chickens Western per lb.....	@ 11
Spring chickens Southern per lb.....	@ 11
Fowls per lb.....	@ 11
Roosters per lb.....	@ 7
Turkeys per lb.....	13 @ 14
Ducks average Western per pair.....	60 @ 75
Ducks Southern and Southwestern per pr.....	40 @ 60
Geese Western per pair.....	1.25 @ 1.37
Geese Southern and Southwestern per pair.....	1.00 @ 1.12
Live pigeons per pair.....	20 @ 25

## PROVISIONS.

## (Jobbing Trade)

Smoked hams, 10 lb average.....	@ 14
Smoked hams, 12 to 14 lb average.....	@ 14
Smoked hams, heavy.....	@ 13 1/4
California hams, smoked, light.....	@ 7 1/4
California hams, smoked, heavy.....	@ 7 1/4
Smoked bacon, boneless.....	@ 14
Smoked bacon (rib in).....	@ 13 1/4
Dried beef sets.....	@ 13
Smoked beef tongues, per lb.....	@ 15
Smoked shoulders.....	@ 7
Pickled bellies, heavy.....	@ 9 1/4

## BONES, HOOFS, HAIR AND HORNS.

Round shin bones, av. 50-60 lb cut, per 100 bones.....	\$56.00
per 2,000 lb.....	—
Flat shin bones, av. 40-45 lb cut, per 100 bones.....	40.00
per 2,000 lb.....	—
Thigh bones, av. 40-45 lb cut, per 100 bones.....	75.00
per 2,000 lb.....	—
Horns, 7 1/2 oz. and over, steers, first quality.....	@ 280

## BUTCHERS' SUNDRIES.

Fresh steer tongues.....	60c to 75c a piece
Fresh cow tongues.....	40c to 50c a piece
Calves' head, scalded.....	30c to 40c a piece
Sweet breads, veal.....	25c to 75c a pair
Sweet breads, beef.....	15c to 18c a lb
Calves' liver.....	20c to 40c a piece
Beef kidneys.....	10c to 12c a piece
Mutton kidneys.....	14c to 24c a piece
Livers, beef.....	4c to 5c a lb
Oxtails.....	5c to 7c a piece
Hearts, beef.....	10c to 15c a piece
Rolls, beef.....	10c to 12c a lb
Tenderloin beef, Western.....	15c to 25c a lb
Lambs' fries.....	6c to 8c a pair
Fresh pork loins, city.....	12 1/4 @ 13
Fresh pork loins, Western.....	9 @ 10

## BUTCHERS' FAT.

Ordinary shop fat.....	@ 2 1/4
Suet, fresh and heavy.....	@ 4
Shop bones, per cwt.....	@ 25

## PICKLED SHEEPSKINS.

XXX sheep, per dozen.....	@ \$5.75
XX sheep, per dozen.....	@ 4.50
X sheep, per dozen.....	@ 3.75
Blind Ribby sheep.....	@ 3.75
Sheep, ribby.....	@ 3.12 1/2
XX lambs, per dozen.....	@ 4.50
X lambs, per dozen.....	@ 3.75
No. 1 lambs, per dozen.....	@ 3.00
No. 2 lambs, per dozen.....	@ 2.00
Culls, lambs.....	@ 75

## SAUSAGE CASINGS.

Sheep, imp., wide, per bundle.....	80
sheep, imp., wide, per keg, 50 bundles.....	\$40.00
sheep, imp., medium, per bundle.....	80
sheep, imp., per bundle, narrow.....	44
sheep, imp., Russian Rings.....	42
Hog, American, in tea, or bbis., per lb, F.O.S.....	42

Hog, American, kegs, per lb, F. O. S.....	42
Beef, rounds, per set, f. o. b. Chicago.....	12
Beef, rounds, per set f. o. b. N. Y.....	18
Beef, rounds, per lb.....	2
Beef, bungs, piece, f. o. b. N. Y.....	5
Beef, bungs, per lb.....	6
Beef, middles, per set, f. o. b. Chicago.....	35
Beef, middles, per set, f. o. b. N. Y.....	37
Beef, middles, per lb.....	@ 6
Beef weasands, per 1,000, No. 1's.....	@ 5 1/4
Beef weasands, per 1,000, No. 2's.....	2 1/4 @ 3

## SPICES.

	Whole.	Ground
Pepper, Sing., white.....	21	22
Pepper, Sing., black.....	13 1/4	14 1/4
Pepper, Penang, white.....	20 1/4	21 1/4
Pepper, red, Zanzibar.....	10	19
Pepper, shot.....	15	12
Allspice.....	69 1/4	60
Coriander.....	64 1/4	60
Mace.....	55	60

## SALTPETRE.

Crude.....	3 1/4 @ 3 1/4
Refined—Granulated.....	4 1/4 @ 4 1/4
Crystals.....	4 1/4 @ 5 1/4
Powdered.....	4 1/4 @ 4 1/4

## THE GLUE MARKET.

A extra.....	21
I extra.....	17
L.....	16
IX moulding.....	15
IX.....	14 1/4
IX.....	14
IX.....	13
IX.....	12
IX.....	11
IX.....	10
IX.....	9
IX.....	8

## GREEN CALFSKINS.

No. 1 calfskins.....	per lb. 14
No. 1 calfskins, buttermilk.....	12
No. 1 calfskins, 12-14.....	each 1.50
No. 2 calfskins, buttermilk.....	10
No. 2 calfskins, 12 1/4-14 lb.....	piece 1.30
No. 1 grassers.....	per lb. 12
No. 2 grassers.....	per lb. 10
No. 1 heavy kips, 18 lb and up.....	piece 1.90
Ticky kips, 18 lb and up.....	piece 1.40
No. 2 heavy kips, 18 lb and up.....	piece 1.65
No. 1 kips, 14-18 lb.....	piece 1.70
No. 2 kips, 14-18 lb.....	piece 1.50
No. 1 grass kips.....	piece 1.50
No. 2 grass kips.....	piece 1.25
Ticky kips.....	piece 1.00
Branded heavy kips.....	piece 1.10
Branded kips.....	piece .90
Branded skins.....	piece .80

## GAME.

Snipe, English, per dozen.....	1.75 @ 2.00
Plover, Golden, per dozen.....	2.50 @ 3.00
Grass, per dozen.....	1.75 @ 2.00
Vent-on, Foreign, whole deer, per lb.....	@ 20
Domestic saddles, prime, per lb.....	20 @ 23
Domestic saddles, inferior, prime, per lb.....	15 @ 16

## DRESSED POULTRY.

## FRESH KILLED—ICED.

Turkeys—Spring, Young hens and toms, avg. best.....	@ 16
Old.....	@ 17
Broilers—Phila., 3 to 4 lb to pair, per lb.....	@ 22
State & Penn., 3 to 4 lb to pair, per lb.....	@ 18
State & Penn., mixed sizes, per lb.....	@ 16
Western, dry-picked, per lb.....	@ 15
Western, scalded, per lb.....	@ 14
Southern, scalded, small, per lb.....	@ 10
Fowls—Western, scalded fancy.....	@ 10 1/4
Other Western, dry picked, small, fancy.....	@ 11
Southern and Southwestern, dry picked.....	@ 10 1/4
Southern and Southwestern, scalded.....	@ 10
Old Cocks.....	@ 8
Ducks, Long Island, spring, per lb.....	@ 18
Squabs—Prime, large, white, per dozen.....	3.25 @ 3.50
Mixed, per dozen.....	2.10 @ 2.75
Dark, per dozen.....	1.75 @ 2.00

## E. A. BRYAN CO.

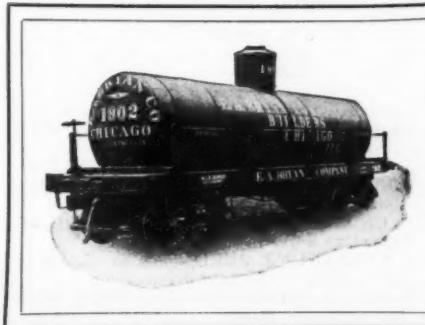
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## FERTILIZER MARKETS.

## BASIS, NEW YORK DELIVERY.

Bone meal, steamed, per ton.....	\$22.00	@ 23.00
Bone meal, raw, per ton.....	25.00	@ 25.50
Nitrate of soda—future.....	2.05	@ 2.07 1/2
Nitrate of soda—spot.....	2.10	@ 2.15
Bone black, spot, per ton.....	13.50	@ 13.50 ch
Dried blood, N. Y., 12-13 per cent. ammonia.....	2.50	@ 2.55
Dried blood, West, high grade, fine ground, e. f., N. Y.....	2.85	@ 2.70
Tankage, 8 and 20 p. c., f. o. b. Chicago.....	21.00	@ 22.00
Tankage, 8 and 20 p. c., f. o. b. Chicago.....	18.00	@ 19.00
Tankage, 7 and 30 p. c., f. o. b. Chicago.....	15.00	@ 16.00
Tankage, 8 and 35 p. c., f. o. b. Chicago.....	14.00	@ 15.00
Garbage tankage, f. o. b. New York.....	8.00	@ 9.00
Fish scrap, dried, 11 p. c. ammonia and 15 p. c. bone phosphate.....	26.00	@ 29.00
Wet, acidulated, 8 p. c. ammonia, per ton.....	14.00	@ 15.00
Asotone, per unit, del. New York.....	2.60	@ 2.65
Sulphate ammonia gas, for shipment, per 100 lbs.....	3.07 1/2	@ 3.10
Sulphate ammonia gas, per 100 lbs., spot.....	3.15	@ 3.15
Sulphate ammonia bone, per 100 lbs.....	3.05	@ 3.07 1/2
So. Carolina phosphate rock, ground, per 2,000 lbs., f. o. b. Charleston.....	6.50	@ 7.75
So. Carolina phosphate rock, undried, f. o. b. Ashley River, per 2,400 lbs.....	3.50	@ 3.75
The same, dried.....	3.75	@ 4.00

## POTASHES, ACCORDING TO QUANTITY.

Kainit, shipment, per 2,400 lbs.....	\$8.95	@ 9.50
Kainit, ex-store, in bulk.....	9.00	@ 10.65
Kieserit, future shipment.....	7.00	@ 7.25
Muriate potash, 80 p. c., ex-store.....	1.85	@ 1.95
Muriate potash, 80 p. c., future shipment.....	1.80	@ 1.90
Double manure salt (48@49 p. c., less than 2 1/2 p. c. chloride), to arrive, per lb. (basis 48 p. c.).....	1.00	@ 1.12
Sulphate potash, to arrive (basis 90 p. c.).....	2.08	@ 2.20
Sylvit, 24 to 88 p. c., per unit, S. P.....	.30	@ .40

## OCEAN FREIGHT.

	Liverpool.	Glasgow.	Hambur.
	Per Ton.	Per Ton.	Per 100
Canned meats.....	12/6	17/6	21s
Oil cake.....	7/6	8/9	12s
Bacon.....	12/6	17/6	21s
Lard, tierces.....	12/6	17/6	21s
Cheese.....	20/	25/	2 M
Butter.....	20/	25/	2 M
Tallow.....	10/	15/	20s
Beef, per tierce.....	2/6	3/6	20s
Pork, per bbl.....	2/	2/9	20s

## EXPORTS OF PROVISIONS

Exports of hog products from Atlantic ports for week ending November 7, with comparative tables:

## PORK, BARRELS.

	Week Nov. 7, 1903.	Week Nov. 8, 1902.	Nov. 1, 1902, to Nov. 7, 1903.
United Kingdom.....	287	730	287
Continent.....	641	224	641
So. and Cen. Am.....	900	1,200	900
West Indies.....	1,011	563	1,011
Br. No. Am. Col.....	322	122	322
Other countries.....	—	—	—
Totals.....	3,161	2,938	3,161

## BACON AND HAMS, POUNDS.

	United Kingdom.....	11,244,312	9,679,177	11,244,312
Continent.....	884,400	903,668	884,400	
So. and Cen. Am.....	112,725	231,625	112,725	
West Indies.....	284,500	83,750	284,500	
Br. No. Am. Col.....	2,000	—	2,000	
Other countries.....	6,000	—	6,000	
Total.....	12,533,937	10,898,220	12,533,937	

## LARD, POUNDS.

	United Kingdom.....	5,024,751	4,608,369	5,024,751
Continent.....	5,127,600	5,030,119	5,127,600	
So. and Cen. Am.....	671,925	248,350	671,925	
West Indies.....	652,370	563,340	652,370	
Br. No. Am. Col.....	13,160	11,100	13,160	
Other countries.....	24,115	—	24,115	
Totals.....	11,513,981	10,461,278	11,513,981	

## RECAPITULATION OF WEEK'S EXPORTS.

	New York.....	2,753	5,236,525	9,276,830
Boston.....	291	3,248,550	1,050,160	
Portland, Me.....	—	526,050	79,500	
Philadelphia.....	—	—	81,000	
Baltimore.....	—	78,308	407,490	
New Orleans.....	117	118,175	228,875	
Montreal.....	—	3,526,329	139,626	
Galveston.....	—	—	180,000	
Totals.....	3,161	12,533,937	11,513,981	

## COMPARATIVE SUMMARY.

	Nov. 1, 1902.	Nov. 1, 1901.	to Nov. 7, 1903.	to Nov. 8, 1902.	Increase.
Pork, lbs.....	632,200	587,600	—	—	44,600
Bacon & hams, lbs.....	12,533,937	10,898,270	—	—	1,635,667
Lard, lbs.....	11,513,981	10,461,278	—	—	1,052,703

## GENERAL MARKETS

## LIVERPOOL.

Liverpool, Nov. 13.—Beef—Extra mess, 67s. 6d. Pork—Prime mess, Western, 85s. Hams, 53s.; short ribs, 54s.; long clear middles, light, 53s. 6d.; long middles, heavy, 52s. 6d.; short clear, 47s.; clear bellies, 52s. 6d.; shoulders, square, 11 to 13 lbs., 34s. Lard—Prime Western, in tierces, 36s. 9d.; American refined, in pails, 38s. Cheese—American, finest colors, 54s. Tallow—Prime city, 22s. 6d. Turpentine, 43s. 9d. Cottonseed oil (Hull), 20s. 6d. Rosin, common, 6s. 10 1/2 d. Petroleum, refined (London), 7 1/4 d. Linseed oil (London), 17s. 7 1/2 d.

## LARD IN NEW YORK.

Western steam, \$7.35 spot and about \$7.20 cost and freight; city steam, \$6.87 1/2 @ 7; refined, Continent, tierces, \$7.60; do., South America, tierces, \$8.35; do., do., kegs, \$9.35; compounds, \$6.37 1/2 @ 6.62 1/2.

## HOG MARKETS, NOV. 13.

CHICAGO—Receipts, 20,000; slow; weak to 10c. lower; \$4.10 @ 4.90.

KANSAS CITY—Receipts, 6,000; 5 @ 10c. lower; \$4.45 @ 4.85.

OMAHA—Receipts, 5,500; slow to 5c. lower; \$4.40 @ 4.75.

INDIANAPOLIS—Receipts, 9,000; lower; \$4.60 @ 4.95.

ST. LOUIS—Slow to 10c. lower; \$4.30 @ 4.95.

EAST BUFFALO—Receipts, 40 cars; 10 @ 15c. lower; \$5.10 @ 5.15.

CLEVELAND—Receipts, 30 cars; active; \$5.00.

## OLEO AND NEUTRAL LARD.

The oleo market here and abroad is steady this week and the transactions are of fair volume. The demand, however, is not very active. The prospect is that the market for oleo oil will remain steady. The production of the lower grades is very light.

As regards neutral lard, it is hardly possible to buy any for shipment this month, and inquiries continue excellent for shipment in December and January.

The cotton oil market has firmed up a little this week, but the turn-over in new crop oil with Europe is light.

## SPICE MARKET.

(Special to The National Provisioner from McCormick & Co.)

PEPPER is firmer, without particular advance in price for spot goods. We look for 1/2c. to 1c. raise between now and February. Prime Singapore, 13c.

CAYENNES, ZANZIBAR, CHILLES, are quoted from 16c. to 17c., with higher levels in view.

JAPANS AND BOMBAYS without material change.

CLOVES stationary, but it would seem that it is the calm before another advance. We will probably see 20c. per pound before very long.

MAICE AND NUTMEGS both firmer. Maice 61c.

NUTMEGS, 105-110, 29 1/2c. to 30c. Holders of stocks of these goods will not lose any money on them.

CASSIAS are strong, but we have not enough information to predict the future. All reports indicate shortage of supplies in China.

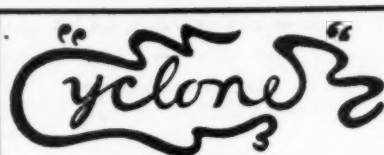
GINGERS unchanged.

CALIFORNIA YELLOW MUSTARD SEED firmer, owing to shortage of spot stocks.

CELERY SEED higher for import, and quoted at 8 1/2c. to 9c.

CORIANDER SEED holds at high price, and is likely to see 4c. for import.

POPPY, HEMP AND CARAWAY SEED no particular change.



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Are Used by the Largest Manufacturers in the World in Many Industries.  
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United States, Canada, and Mexico.

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AGENCIES: New York, Toronto, Mexico City ON SALE: London, Paris, Vienna

## BALTIMORE FERTILIZER MARKET.

(Special to The National Provisioner from T. H. White & Co.)

The ammoniate market since the first of the month has been rather more active, and the limited offerings from producers have strengthened their position somewhat.

The inquiry from the South for prompt and futures is good, but buyers do not seem disposed to pay current prices. Business in the East is fair. We quote:

Ground tankage, 10 @ 15, \$2.25 @ 10 per unit f. o. b. Chicago; ground tankage, 6 @ 25, \$15 per ton f. o. b. Chicago; ground concentrated tankage, \$2.20 per unit f. o. b. Chicago; ground blood, \$2.42 1/2 per unit f. o. b. Chicago; hoof meal, \$2.25 per unit f. o. b. Chicago; crushed tankage, 9 @ 20, \$2.55 @ 10 c. a. f. Baltimore.

Sulphur of ammonia—November shipment, \$3.05 to \$3.07 1/2 c. i. f. Baltimore and New York.

Nitrate of Soda—Spot, \$2.10; December, \$2.07 1/2; January, February and March, \$2.05; April, May and June, \$2; July and December, \$1.97 1/2.

## RECEIPTS AT CENTRES.

	Cattle.	Hogs.	Sheep.
SATURDAY, NOV. 7.			
Chicago.....	400	11,000	2,000
Kansas City.....	1,000	3,000	—
Omaha.....	1,000	4,300	800
St. Louis.....	—	—	—
MONDAY, NOV. 9.			
Chicago.....	21,000	27,000	30,000
Kansas City.....	16,000	5,000	18,000
Omaha.....	5,500	3,500	25,000
St. Louis.....	—	—	—
TUESDAY, NOV. 10.			
Chicago.....	4,000	30,000	18,000
Kansas City.....	16,000	7,000	7,000
Omaha.....	5,000	6,500	9,000
St. Louis.....	5,000	5,500	1,500
WEDNESDAY, NOV. 11.			
Chicago.....	22,000	23,000	26,000
Kansas City.....	14,000	8,000	6,000
Omaha.....	7,500	9,500	7,000
St. Louis.....	—	—	—
THURSDAY, NOV. 12.			
Chicago.....	11,000	19,000	18,000
Kansas City.....	11,000	7,000	6,000
Omaha.....	9,000	6,000	4,000
St. Louis.....	2,000	5,000	500
FRIDAY, NOV. 13.			
Chicago.....	13,000	20,000	20,000
Kansas City.....	9,000	3,000	2,000
Omaha.....	6,000	2,000	5,500
St. Louis.....	5,000	2,000	1,500



## AMONG THE ASSOCIATIONS.

The Cincinnati (Ohio) Pork Packers' Union has adjusted the wage scale of their union employees.

The butchers of Napoleon, Ohio, have combined on Sunday closing. The agreement went into effect on November 1.

The strike of the Butcher Workmen's Union at Los Angeles, Cal., has collapsed. The men plead to be taken back on their old jobs.

The local Retail Grocers' and Butchers' Associations intend to capture the prize offered by the Dayton association at the annual convention of the Ohio Retail Grocers' and Butchers' associations at Dayton December 1 and 2. The prize is a \$50 silk flag, which will be presented to the association having the largest number of members in line in the parade on the second day of the convention.

The new Market Men's Association at Cincinnati, O., has perfected its organization by electing the following officers for the ensuing year:

The following officers were elected: President, Philip Lippert; Vice-president, H. Schaefer; secretary, Frank Herier, Jr.; treasurer, H. W. Moran; Executive Committee, J. Breyer, George N. Meyer, Gus Krehbiel and H. Doorman.

The initiation fee was reduced from \$5 to \$1, and by this the movers in the affair hope to secure at least three hundred additional members. A committee was appointed to make a tour of all the markets and solicit members. J. F. Stout, of the Retail Meat Cutters' Union, was present and did much to make the meeting a success.

The Colorado Butchers' and Grocers' Association holds its State convention at Fort Collins in January. Big preparations are already being made for it. Mr. Gardner, of Victor, is president. The State Butchers' and Grocers' Association was started in 1901, after ten years of fruitless effort. About 200 retail merchants were then enrolled, but in two years it has grown to an almost universal membership, and, from merely an organization of defense against the common enemies of profitable business, has inaugurated methods to broaden its scope. Among other things, it is working to bring in the retail trade of the surrounding States—Utah, New Mexico and Wyoming. It is intended that the Fort Collins convention shall be a step in the direction of gaining the interest of butchers and grocers throughout the entire West.

## WON BEEF-DRESSING CONTEST.

James Baer easily won the beef-dressing contest at the Denver (Colo.) butcher sports. The results of the contests were as follows:

Champion beef dresser, Jacob Baer. Time, 3 minutes 38 seconds.  
Champion sheep dresser, Charles Cochran. Time, 7 minutes 37 seconds.  
Champion hog dresser, F. Rohr. Time, 6 minutes 50 seconds.  
Champion beef boner, Charles Neef. Time, 9 minutes 13 seconds.

## BUSINESSES BURNED OR IN TROUBLE.

Joseph Daly's market on Columbus avenue, Pittsfield, Mass., had a fire scare a few days ago.


There was a fire at Frank B. DeLong's market in Troy, N. Y., recently.

The fire which broke out in Daniel Conkling's place at 2,823 Pennsylvania avenue, Baltimore, Md., was soon extinguished.

Fire destroyed the meat market of M. E. Griffin, at Johnstown, Pa., last week.

A. H. Knox's meat market has been burned at Almira, Ore.

Walter Dickinson's meat market went up in a conflagration at Colon, Mich., a few days ago.



## German Axes

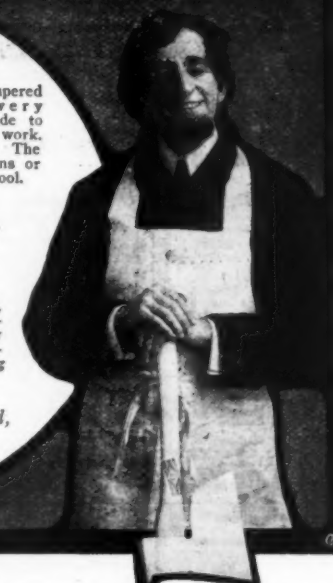
Every German Axe is tempered and individually tested. Every Plumb's butcher's tool is made to stand the hardest kind of work. The handles are set firmly and squarely. The edge is true and straight. If the edge turns or cracks, or the handle bends, send back the tool.

### PLUMB'S TOOLS

are guaranteed to stand hard work. If they don't we want to know it.  
Do you want to feel sure of your tool?  
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*Incorporated,*  
Philadelphia, Pa., U. S. A.



Tennessee <sup>21</sup> (1903.)	Deer	Dec. 15-Oct. 1.
	Squirrel	March 1-June 1.
Texas (1903.)	Quail or partridge, pheasant (except English, ring-neck, Jan. 1-Dec. 1), grouse, wild turkey, meadowlark.	March 1-Nov. 1.
	Dove	March 1-Aug. 1.
Utah (1899-1903.)	Marsh blackbird, rail, coot, mud hen, plover, snipe, woodcock, sandpiper, tattler, curlew, godwit, avocet, duck (except wood duck), goose, brant, swan.	April 15-Oct. 1.
	Wood duck or summer duck.	March 1-Aug. 1.
Vermont (1894-1903.)	Deer (female deer and spotted fawn, at all times)	Jan. 1-Nov. 1.
	Antelope, mountain sheep, 5 years.	Until July 1, 1908.
Virginia <sup>22</sup> (1903.)	Quail or partridge, prairie chicken or pinnated grouse, wild turkey	Feb. 1-Nov. 1.
	Pheasant (Mongolian or English), 5 years.	Until July 1, 1908.
Virginia <sup>22</sup> (1903.)	Dove	Feb. 1-Sept. 1.
	Deer (male, with horns)	Nov. 1-Sept. 1.
Virginia <sup>22</sup> (1903.)	Elk, female, deer, buffalo or bison, mountain sheep, antelope, quail (see exception), English, Mongolian or Chinese pheasant, pinnated grouse, any introduced game.	At all times.
	Exception: Quail (Kane and Washington counties only).—March 1-Oct. 1.	Dec. 1-Aug. 15.
Virginia <sup>22</sup> (1903.)	Partridge, grouse, prairie chicken, sage hen, pheasant, mourning dove.	Dec. 15-Oct. 1. <sup>23</sup>
	Snipe, duck, wild goose, brant, swan.	Nov. 1-Oct. 22.
Virginia <sup>22</sup> (1903.)	Deer (with horns)	At all times.
	Deer (without horns), moose, caribou.	May 1-Sept. 1.
Virginia <sup>22</sup> (1903.)	Rabbit, hare	Jan. 1-Sept. 1.
	Quail, ruffed grouse or partridge, plover (other than upland), woodcock, English snipe, wild duck, goose.	Nov. 20-Oct. 1.
Virginia <sup>22</sup> (1903.)	Pheasant, English partridge	At all times.
	Dove	Dec. 1-Aug. 15.
Virginia <sup>22</sup> (1903.)	Upland plover	Jan. 1-Oct. 1.
	Deer	At all times.
Virginia <sup>22</sup> (1903.)	Rabbit:	At all times.
	Accomac, Northampton.—Jan. 15-Nov. 15.	At all times.
Virginia <sup>22</sup> (1903.)	Alexandria.—Jan. 1-Oct. 1.	At all times.
	Amelia, <sup>24</sup> Charlotte, <sup>24</sup> Greenville, Spottsylvania, Sussex.—Feb. 1-Oct. 1.	At all times.
Virginia <sup>22</sup> (1903.)	Buckingham, <sup>24</sup> Cumberland. <sup>24</sup> —Feb. 15-Oct. 15.	At all times.
	Caroline, Essex, Hanover, Henrico, King William.—Feb. 1-Nov. 1.	At all times.
Virginia <sup>22</sup> (1903.)	Chesterfield.—Feb. 1-Sept. 1.	At all times.
	Culper, Orange.—Jan. 15-Nov. 1.	At all times.
Virginia <sup>22</sup> (1903.)	Elizabeth City, Norfolk.—Feb. 1-Nov. 15.	At all times.
	Fairfax, Fauquier, Loudoun, Prince William.—Jan. 1-Nov. 1.	At all times.
Virginia <sup>22</sup> (1903.)	Halifax.—Feb. 1-Oct. 15.	At all times.
	Halifax.—Feb. 1-Oct. 15.	At all times.

## BUTCHERS THAT HAVE DIED.

Charles F. Barth, son of Butcher Barth of McMicken, Ohio, died there last week.  
George Englehardt, the well-known German butcher at Columbus, Ohio, died there last

week, aged 63 years. He came to America when 11 years old.

John J. Robinson, the prominent market-man of Detroit, Mich., is dead from an operation for appendicitis.



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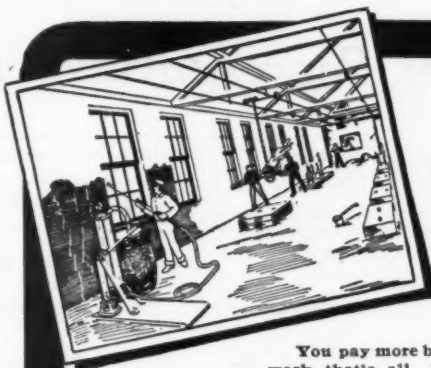
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"Insurance against boiler explosions"

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**VIRGINIA PACKING COMPANY,**

**RICHMOND, VIRGINIA.**

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Our Specialty: Short Loins of Pork, no Hips, no Shoulders. Old Virginia, Smithfield Hams and the well known brand of Old Virginia Sausage.



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TO SHOW  
POSITION OF  
MIXER.

## HOW to SAVE MONEY and Double Your Profits!

**Put in a Buffalo Silent with Mixer Attached.**

SAVES BUYING A SEPARATE MIXER.  
CUTS AND MIXES THE SAME TIME.  
MIXES THE SPICES THOROUGHLY.  
MIXES THE WATER IN THOROUGHLY.  
AVOIDS LEAVING STRINGS.  
MEAT IS CUT MORE UNIFORM.  
SAVES THE MAN STIRRING.  
MIXES POTATO FLOUR THOROUGHLY.  
CUTS AND MIXES THE SPECK THOROUGHLY.

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 Every Description  
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 The Successful Boiler Cleanser  
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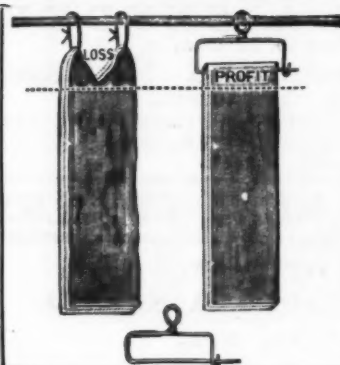
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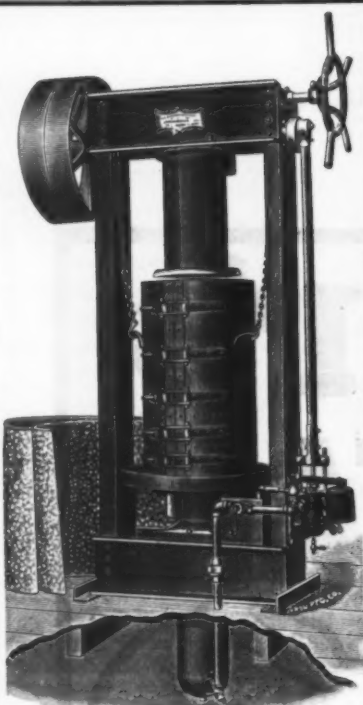
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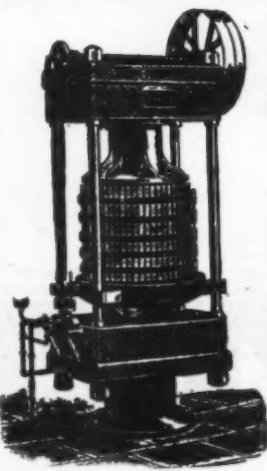
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Sitz, A.

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Hellriegel & Co.

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S. Oppenheimer & Co.  
Wolf, Sayer & Heller.

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Sturtevant Co., B. F.  
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Page, C. S.  
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Eibs, J. G.  
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Fairlamb, F. R.  
Fellin Company, John J.  
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Sitz, A.

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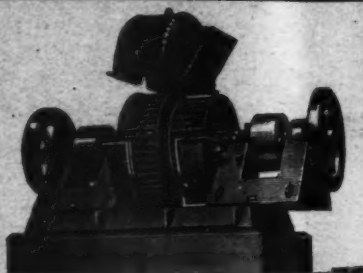
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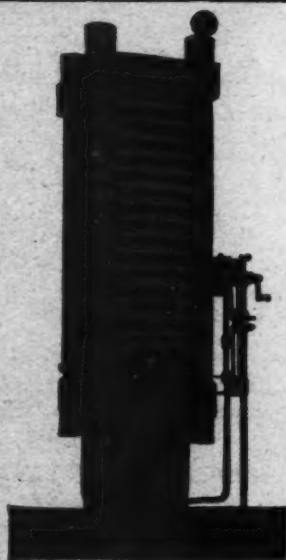
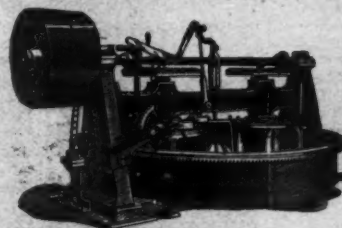
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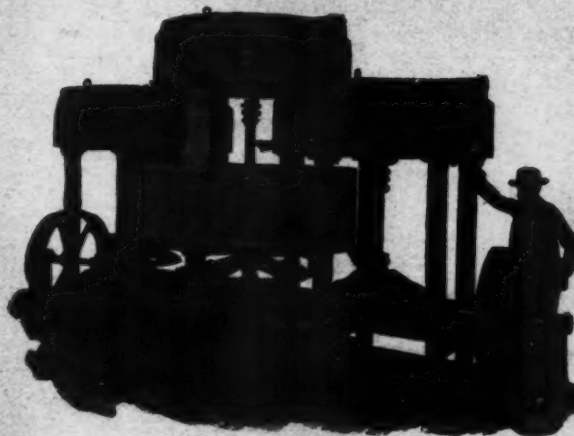
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